CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY

JOURNAL CANADIEN DE PHYSIOLOGIE ET PHARMACOLOGIE

Vol. 67, 1989

Author Index / Index des auteurs

Ackermann, U., Irizawa, T.G., and Barber, B. Angiotensin restores atrial natriuretic factor-induced decrease of baroreceptor sensitivity in normotensive rats, but not in spontaneously hypertensive rats, 675

Adams, M.A., and Hirst, M. Lack of cardiac α₁-adrenoceptor involvement in ethanol-induced cardiac hypertrophy, 240

Ahmad, S. see Shi, A.G., 1067

Akbarali, H. see Moody-Corbett, F., 1259

Allen, T.M. see Fathi-Afshar, R., 276

Allescher, H.D. see Daniel, E.E., 1560

Allo, S. see Mozaffari, M.S., 1431

Alonso, C.E.I. see Coviello, A., 362

Alvarez, J., Rousseau, G., Dorticós, F., and Morlans, J. Effects of manganese chloride, verapamil, and hypoxia on the rate-dependent increase in internal longitudinal resistance of rabbit myocardium, 263

Ansaldo, M. see Damasco, M.C., 607

Antzelevitch, C. see Lukas, A., 757

Armour, J.A. see Klassen, G.A., 140

Armour, J.A. α-Adrenergic receptor modulation of the intrathoracic efferent sympathetic nervous system regulating the canine heart, 1199

Armstrong, C. see Coceani, F., 902

Armstrong, P.W. see Forster, C., 110

Asem E.K., and Tsang, B.K. Phorbol ester inhibits luteinizing hormone-, forskolin-, and dibutyryl cyclic AMP-induced progesterone production in chicken granulosa cells, 122

Asta, J. see Waxman, M.B., 801

Aten, R.F. see Behrman, H.R., 954

Atwood, H.L. see Wojtowicz, J.M., 167

Bach, T. see Gillard, J., 456

Bacq, Y. see Roulot, D., 1369

Baer, A.R., and Dupré, J. Suppression of insulin receptor binding by prolonged enteral or parenteral nutrient infusion in the rat: role of gastric inhibitory polypeptide, 1105

Baer, H.P. see Fathi-Afshar, R., 276

Bailey, L.E. Preservation of guinea pig hearts by hypothermic gas perfusion, 692

Baimbridge, K.G. see Leung, P.C.K., 962

Bala, R.M. see Sheppard, M.S., 1315

Bala, R.M. see Sheppard, M.S., 1321

Bambrick, L.L., and Gordon, T. Comparison of the effects of botulinum toxin in adult and neonatal rats: neuromuscular blockade and toxicity, 879

Baracos, V.E. Exercise inhibits progressive growth of the Morris hepatoma 7777 in male and female rats, 864

Barber, B. see Ackermann, U., 675

Baribeau, J. see Larivière, R., 232

Barnes, W.S. see Williams, J.H., 1574

Barthelemy, L. see Simon, B., 1247

Basile, A.S. see Bolger, G.T., 126

Bass, L. see Greenway, C.V., 1225

Bassotti, G. see Fargeas, M.J., 1205

Beauchesne, L. see Debonnel, G., 29

Beck, P.L., Morris, G.P., and Wallace, J.L. Reduction of ethanol-induced gastric damage by sodium cromoglycate and FPL-52694. Role of leukotrienes, prostaglandins, and mast cells in the protective mechanism, 287

Beckmann, L.M. see Ferguson, A.V., 1097

Bédard, L. see Wandji, S.A., 5

Bedard, P. see Narayanan, N., 999

Bédard, P.J. see Di Paolo, T., 1177

Beesley, J. see Pencharz, P., 624

Bégin, F., Vachon, C., Jones, J.D., Wood, P.J., and Savoie, L. Effect of dietary fibers on glycemia and insulinemia and on gastrointestinal function in rats, 1265

Behrman, H.R., Aten, R.F., and Margolin, Y. Gonadotropinreleasing hormone binding inhibitors in the ovary, 954

Béliveau, L. see Trudeau, F., 192

Belley, M. see Jones, T.R., 17

Benbrahim, N. see Gascon-Barré, M., 1015

Bennett, B.M. see Stewart, D.H., 1403

Berezin, I. see Daniel, E.E., 1560

Berman, D.M. see Coviello, A., 362

Bernabei, R. see Pahor, M., 472

Bernard, C. see Cuber, J.C., 1391

Billette, J. see Gendreau, R., 722 Bitterman, H., Bitterman, N., Melamed, Y., and Cohen, L. Effects of hyperbaric oxygen in circulatory shock induced by splanchnic artery occlusion and reperfusion in rats, 1033

Bitterman, N. see Bitterman, H., 1033

Blair, R.M.J. see Burka, J.F., 477

Blier, P., Steinberg, S., Chaput, Y., and de Montigny, C. Electrophysiological assessment of putative antagonists of 5-hydroxytryptamine receptors: a single-cell study in the rat dorsal raphe nucleus, 98

Bligh, J. see Mekjavić, I.B., 1038

Bolger, G.T., Newman, A.H., Rice, K.C., Lueddens, H.W.M., Basile, A.S., and Skolnick, P. Characterization of the effects of AHN 086, an irreversible ligand of "peripheral" benzodiazepine receptors, on contraction in guinea-pig atria and ileal longitudinal smooth muscle, 126

Bolger, G.T., Luchowski, E.M., and Triggle, D.J. Characterization of ion movements and their relationship to muscarinic receptor binding and excitation-contraction coupling in guinea pig ileal longitudinal smooth muscle, 331

Bolger, G.T. see Smith, J.D., 1591

Bonen, A. see McDermott, J.C., 1450

Borgeat, P. Biochemistry of the lipoxygenase pathways in neutrophils, 936

Borkowski, K.R. K-Opioid agonist induced diuresis. Is it mediated by a blood-borne factor of adrenomedullary origin?, 1219

Bose, D. see Kettler, J., 423

Bose, D. see Saha, J.K., 788

Bouchard, C. see Poehlman, E.T., 10

Bouchard, R.A. see Saha, J.K., 788

Boulanger, Y., and Vinay, P. Nuclear magnetic resonance monitoring of sodium in biological tissues, 820

Boutin, L. see Schanne, O.F., 795

Bouvier, M. see de Champlain, J., 1140

Boyce, T.T., and Roach, M.R. The canine tail artery as a model for cerebral aneurysm studies, 34

Bozarth, M.A. New perspectives on cocaine addiction: recent findings from animal research, 1158

Braillon, A. see Roulot, D., 1369

Brakier-Gingras, L. see Paradis, P., 197

Brassard, M. see Yamaguchi, N., 499

Brawer, J.R. see Carriere, P.D., 896

Breen, C. see Coceani, F., 1448

Breuiller, M. see El Alj, A., 1051

Briand, H. see Burka, J.F., 483

Briand, R. see Yamaguchi, N., 499

Brien, J.F. see Marks, G.S., 417

Brien, J.F. see Card, S.E., 601

Brien, J.F. see Smith, G.N., 686

Brien, J.F. see Slack, C.J., 1381 Brisson, G. see Trudeau, F., 192

Broadley, K.J. see Wilson, A.N.A., 294

Broderick, T.L., Poirier, P., Tremblay, A., Catellier, C., and Nadeau, A. Effect of exogenous insulin on plasma free carnitine levels during exercise in normal man, 1598

Brodeur, J. see Goyal, R., 207

Brosnan, J.T., and Hall, B. Renal serine production in vivo: effects of dietary manipulation of serine status, 1058

Buchan, A.M.J. see Campos, R.V., 1520

Bueno, L. see Fargeas, M.J., 1205

Bühner, S., and Ehrlein, H.-J. Effects of neurotensin on motor patterns of canine duodenum and proximal jejunum, 1534

Buhr, M.M. see Carlson, J.C., 957

Bukowiecki, L.J. Energy balance and diabetes. The effects of cold exposure, exercise training, and diet composition on glucose tolerance and glucose metabolism in rat peripheral tissues, 382

Bulat, R., Kannan, M.S., and Garfield, R.E. Studies of the innervation of rabbit myometrium and cervix, 837

Burka, J.F., Blair, R.M.J., and Hogan, J.E. Characterization of the muscarinic and serotoninergic receptors of the intestine of the rainbow trout (Salmo gairdneri), 477

Burka, J.F., Briand, H., Scott-Savage, P., and Pasutto, F.M. Leukotriene D4 and platelet-activating factor - acether antagonists on allergic and arachidonic acid-induced reactions in guinea pig airways, 483

Byrne, A. see YoungLai, E.V., 1486

Cade, J.R. see Fregly, M.J., 656

Cameron, D.A. see Waxman, M.B., 801

Campos, R.V., Buchan, A.M.J., Pederson, R.A., McIntosh, C.H.S., and Coy, D.H. Inhibition of bombesinstimulated gastrin release from isolated canine G cells by bombesin antagonists, 1520

Canagarayar, U. see Pencharz, P., 624

Caramelo, C. see Villamediana, L.M., 1506

Carbonin, P. see Pahor, M., 472

Card, S.E., and Brien J.F. No effect of chronic ethanol administration on the activity of alcohol dehydrogenase and aldehyde dehydrogenases in the near-term pregnant guinea pig, 601

Cardinal, R., Carson, D.L., Lambert, C., Shenasa, J., Parent, R., Vermeulen, M., and Nadeau, R. Opposite effects of lidocaine and diltiazem on electrophysiologic alterations in acutely ischemic porcine myocardium, 697

Carlen, P.L. see Reynolds, J.N., 359

Carlson, J.C. see Sawada, M., 465

Carlson, J.C., Buhr, M.M., and Riley, J.C.M. Plasma membrane changes during corpus luteum regression, 957

Carmichael, L. see Smith, G.N., 686

Carriere, P.D., Farookhi, R., and Brawer, J.R. The role of aberrant hypothalamic opiatergic function in generating polycystic ovaries in the rat, 896

Carson, D.L. see Cardinal, R., 697

Carter, S.L. see Forster, C., 110

Cass, C.E. see Fathi-Afshar, R., 276

Cassin, S. see Perks, A.M., 491

Catellier, C. see Broderick, T.L., 1598

Challis, J.R.G. see Houghton, P.E., 1288

Champion, E. see Jones, T.R., 17

Chan, C. see Gillard, J., 456

Chan, C.-C., Dagenais, F., Firby, P., Foster, A., and Ford-Hutchinson, A.W. Immediate hypersensitivity reactions in the guinea-pig conjunctiva: studies with a second-generation leukotriene D4 receptor antagonist, MK-571, 845

Chandran, A.P., Marya, R.K., and Sharma, L.K. Effect of ganglionic stimulating and blocking agents on the fast components of colonic myoelectrical activity in the rat, 1240

Chang, C.C., Chiou, L.C., Hwang, L.L., Hong, S.J., and Huang, C.Y. Nicardipine inhibits axon conduction but causes dual changes of acetylcholine release in the mouse motor nerve, 1493

Chaput, Y. see Blier, P., 98

Charette, L. see Jones, T.R., 17

Charleson, S. see Gillard, J., 456

Chartrand, C. see Dagher, E., 1092

Chau, T. see Saha, J.K., 788

Chaudhary, B.A. see Kolbeck, R.C., 1442

Chayvialle, J.-A. see Cuber, J.C., 1391

Cheeseman, C.I. see Thomson, A.B.R., 1351

Cheung, D.W. Vascular neuroeffector mechanisms in hypertension, 1146

Cheung, S.W. see Inaba, T., 1468

Chiou, L.C. see Chang, C.C., 1493

Church, J., Jones, M.G., Davies, S.N., and Lodge, D. Antitussive agents as N-methylaspartate antagonists: further studies, 561

Churchill, D. see Taylor, P.B., 40 Ciriello, J. see Simon, J.K., 1130

Cirino, G., and Wallace, J.L. A superfusion bioassay for plateletactivating factor, 72

Cirino, M. see Ford-Hutchinson, A.W., 989

Clanachan, A.S. see Fathi-Afshar, R., 276

Clandinin, M.T. see Thomson, A.B.R., 179 Clandinin, M.T. see Thomson, A.B.R., 829

Clandinin, M.T. see Thomson, A.B.R., 1351

Clarke, D.W. see Smith, G.N., 686

Clarke, R. see Pencharz, P.B., 282

Clermont, P. see Qureshi, I.A., 1426

Coates, G. see Smith, M., 202

Coceani, F. see Coe, J.Y., 587

Coceani, F., Armstrong, C., and Kelsey, L. Endothelin is a potent constrictor of the lamb ductus arteriosus, 902

Coceani, F., Wright, J., and Breen, C. Ductus arteriosus: involvement of a sarcolemmal cytochrome P-450 in O2 constriction?,

Coe, J.Y., Olley, P.M., and Coceani, F. A fetal-instrumented model to study age-specific responses to leukotriene D4 and prostaglandin D₂ in unsedated newborn lambs, 587

Cohen, L. see Bitterman, H., 1033

Cook, D.A. see Fathi-Afshar, R., 276

Corring, T. see Cuber, J.C., 1391

Côté, C., Tremblay, D., Riverin, H., Frémont, P., and Rogers, P.A. Inhibition of carbonic anhydrases in type I muscle fibers influences contractility, 645

Courneya, C.A., Wilson, N., and Ledsome, J.R. Plasma vasopressin and atrial natriuretic factor in response to blood volume changes in the anaesthetized rabbit, 344

Courneya, C.A., Wilson, N., and Ledsome, J.R. Carotid sinus pressure, blood volume, and vasopressin in the anaesthetized rabbit. 1386

Couture, R. see Marceau, F., 159

Couture, R. see Gendreau, R., 722

Coviello, A., Soria, M.O., Proto, M.C., Berman, D.M., Gamundi, S.S., Alonso, C.E.I., and de Bold, A.J. Effect of rat cardionatrin I (rat ANF 99-126) on the response of toad skin to angiotensin II, 362

Coy, D.H. see Campos, R.V., 1520

Crafford, W.A. see Tchou, P., 650

Cuber, J.C., Corring, T., Levenez, F., Bernard, C., and Chayvialle, J.-A. Effects of cholecystokinin octapeptide on the pancreatic exocrine secretion in the pig, 1391

Dafoe, L.A. see Roberts, E.A., 594

Dagenais, F. see Chan, C.-C., 845

Dagher, E., Dumont, L., and Chartrand, C. Positive hemodynamic interaction between amrinone and diltiazem in anesthetized dogs, 1092

D'Almeida, M.S., and Lautt, W.W. The effect of glucagon on vasoconstriction and vascular escape from nerve- and norepinephrine-induced constriction of the hepatic artery of the cat, 1418

Damasco, M.C., Ansaldo, M., and Malnic, G. Effects of adrenalectomy and acute replacement by corticosteroids on distal acidification, 607

Damase-Michel, C., Tran, M.-A., and Montastruc, J.-L. Effects of verapamil on sympathetic tone in normal and chronic sinoaortic-denervated conscious dogs, 428

Daniel, E.E. see Shi, A.G., 1067

Daniel, E.E., and Kostolanska, F. Functional studies of nerve projections in the canine intestine, 1074

Daniel, E.E. see Guan, Y.Y., 1086

Daniel, E.E., Berezin, I., Allescher, H.D., Manaka, H., and Posey-Daniel, V. Morphology of the canine pyloric sphincter in relation to function, 1560

Darre, M.J. see Rompala, R.E., 431

Davies, S.N. see Church, J., 561

de Bold, A.J. see Coviello, A., 362

Debonnel, G., Beauchesne, L., and de Montigny, C. Domoic acid, the alleged "mussel toxin," might produce its neurotoxic effect through kainate receptor activation: an electrophysiological study in the rat dorsal hippocampus, 29

Debonnel, G., Weiss, M., and de Montigny, C. Reduced neuro-excitatory effect of domoic acid following mossy fiber denervation of the rat dorsal hippocampus: further evidence that toxicity of domoic acid involves kainate receptor activation, 904

de Champlain, J., Eid, H., Drolet, G., Bouvier, M., and Foucart, S. Peripheral neurogenic mechanisms in deoxycorticosterone acetate – salt hypertension in the rat, 1140

DeHaven, R.N. see Jones, T.R., 17

Delamanche, I.S. see Foutz, A.S., 162

de Montigny, C. see Debonnel, G., 29

de Montigny, C. see Blier, P., 98

de Montigny, C. see Debonnel, G., 904

Denavit-Saubié, M. see Foutz, A.S., 162

Denis, D. see Gillard, J., 456

Derosiers, J. see Schanne, O.F., 795

Després, J.-P. see Poehlman, E.T., 10

Dhalla, N.S. see Zhao, D., 546

Diamant, S.C. see Scott, R.B., 553

Diamant, S.C., Gall, D.G., and Scott, R.B. The effect of intestinal anaphylaxis on postprandial motility in the rat, 1326

Diamond, J. see Nakatsu, K., 251 Di Gennaro, M. see Pahor, M., 472

Di Paolo, T., Rouiliard, C., Morissette, M., Lévesque, D., and Bédard, P.J. Endocrine and neurochemical actions of cocaine,

Dorticós, F. see Alvarez, J., 263

Drolet, G. see de Champlain, J., 1140

Dryden, W.F. see Feng, Z.-P., 883

Dua, A.K. see Rousseaux, C.G., 1183

Duan, J., and Karmazyn, M. Relationship between oxidative phosphorylation and adenine nucleotide translocase activity of two populations of cardiac mitochondria and mechanical recovery of ischemic hearts following reperfusion, 704

Dumont, L. see Dagher, E., 1092

Dupré, J. see Baer, A.R., 1105

Dussault, J. see Poehlman, E.T., 10

Duszyk, M., French, A.S., and Man, S.F.P. Cystic fibrosis affects chloride and sodium channels in human airway epithelia, 1362

Eatock, B.A. see Sheppard, M.S., 1315

Eatock, B.A. see Sheppard, M.S., 1321

Ehrlein, H.-J. see Bühner, S., 1534

Eid, H. see de Champlain, J., 1140

Eiermann, G. see Gillard, J., 456

El Alj, A., Breuiller, M., Jolivet, A., Ferre, F., and Germain, G. β_2 -Adrenoceptor response in the rat uterus at the end of gestation and after induction of labor with RU 486, 1051

Eley, J., and Himms-Hagen, J. Attenuated response to cold of brown adipose tissue of mice made obese with gold thioglucose, 116

Endo, I., Suzuki, T., Takahashi, H., and Karaki, H. Selective utilization of L-isomer of lactate in the smooth muscle of the guinea pig taenia caeci, 1540

Evans, J.F. see Ford-Hutchinson, A.W., 989

Fargeas, M.J., Bassotti, G., Fioramonti, J., and Bueno, L. Involvement of different mechanisms in the stimulatory effects of cholecystokinin octapeptide on gastrointestinal and colonic motility in dogs, 1205

Farookhi, R. see Carriere, P.D., 896

Farri, L. see Pencharz, P.B., 282

Fathi-Afshar, R., Allen, T.M., Krueger, C.A., Cook, D.A., Clanachan, A.S., Vriend, R., Baer, H.P., and Cass, C.E. Some pharmacological activities of novel adenine-related compounds isolated from a marine sponge Agelas mauritiana, 276

Feng, Z.-P., Dryden, W.F., and Gordon, T. Postnatal development of adrenergic responsiveness in the rabbit heart, 883

Ferguson, A.V., Beckmann, L.M., and Fisher, J.T. Effects of subfornical organ stimulation on respiration in the anesthetized rat, 1097

Ferrante, J. see Wei, X.Y., 506

Ferre, F. see El Alj, A., 1051

Ferrier, G.R. see Lukas, A., 765

Ferrier, G.R. see Moffat, M.P., 772

Fine, A. The effects of fluorocitrate on renal glutamine, lactate,

alanine, and oxygen metabolism in the dog, 641

Fioramonti, J. see Fargeas, M.J., 1205

Firby, P. see Chan, C.-C., 845

Fisher, J.T. see Ferguson, A.V., 1097

Flemming, M.A., and Sasyniuk, B.I. Frequency- and voltagedependent effects of disopyramide in canine Purkinje fibers, 710

Flynn, T.G. see Jennings, D.B., 1372

Ford-Hutchinson, A.W. see Jones, T.R., 17

Ford-Hutchinson, A.W. see Gillard, J., 456

Ford-Hutchinson, A.W. see Chan, C.-C., 845

Ford-Hutchinson, A.W., Girard, Y., Lord, A., Jones, T.R., Cirino, M., Evans, J.F., Gillard, J., Hamel, P., Leveillé, C., Masson, P., and Young, R. The pharmacology of L-670,596, a potent and selective thromboxane/prostaglandin endoperoxide receptor antagonist, 989

Forster, C., Carter, S.L., and Armstrong, P.W. α₁-Adrenoceptor activity in arterial smooth muscle following congestive heart failure. 110

Fortin, R. see Gillard, J., 456

Foster, A. see Gillard, J., 456

Foster, A. see Chan, C.-C-., 845

Foster, D.O. see Ma, S.W.Y., 376

Foucard, S. see de Champlain, J., 1140

Foutz, A.S., Delamanche, I.S., and Denavit-Saubié, M. Persistence of central respiratory rhythmogenesis after maximal acetylcholinesterase inhibition in unanaesthetized cats, 162

Frank, G.B. see Kokate, T.G., 435

Fregly, M.J., Sumners, C., and Cade, J.R. Effect of chronic dietary treatment with L-tryptophan on the maintenance of hypertension in spontaneously hypertensive rats, 656

Frémont, P. see Côté, P., 645

French, A.S. see Stockbridge, L.L., 1300

French, A.S. see Duszyk, M., 1362

Frenette, R. see Jones, T.R., 17

Galibois, I., Nunes, C.S., Rérat, A., and Savoie, L. Net appearance of amino acids in portal blood during the digestion of casein or rapeseed proteins in the pig, 1409

Gall, D.G. see Scott, R.B., 553

Gall, D.G. see Diamant, S.C., 1326

Gall, D.G. see Maric, M., 1437

Gambassi, G., Jr. see Pahor, M., 472

Gamundi, S.S. see Coviello, A., 362

Gana, T.J., MacPherson, B.R., Ng, D., and Koo, J. Ionic fluxes induced by topical misoprostol in canine gastric mucosa, 353

García-Villalón, A.L. see Villamediana, L.M., 1506

Garfield, R.E. see Bulat, R., 837

Garg, M.L. see Thomson, A.B.R., 179

Garg, M.L. see Thomson, A.B.R., 829

Garner, J.B. see Klassen, G.A., 140

Gascon-Barré, M., Benbrahim, N., and Tremblay, C. Hepatic zonation of drug metabolizing enzymes. Studies on hepatocytes isolated from the periportal or perivenous region of the liver acinus, 1015

Gaudin, C. see Roulot, D., 1369

Gauthier, J.-Y. see Jones, T.R., 17

Gazis, D., Gonzalez, G., and Mendlowitz, M. Adrenergic interactions in uterus and vascular smooth muscle in rats in vivo, 1586

Gendreau, R., Billette, J., Zhao, J., and Couture, R. Intrinsic origin of atrioventricular nodal functional properties in rabbits, 722

Germain, G. see El Alj, A., 1051

Gerrard, J.M. Measurements of 6-keto-prostaglandin $F_{1\alpha}$ and

thromboxane B_2 in bleeding time blood: relation to bleeding and vascular disorders?, 922

Gilbert, R. see Moody-Corbett, F., 1259

Gillard, J., Ford-Hutchinson, A.W., Chan, C., Charleson, S., Denis, D., Foster, A., Fortin, R., Leger, S., McFarlane, C.S., Morton, H., Piechuta, H., Riendeau, D., Rouzer, C.A., Rokach, J., Young, R., MacIntyre, D.E., Peterson, L., Bach, T., Eiermann, G., Hopple, S., Humes, J., Hupe, L., Luell, S., Metzger, J., Meurer, R., Miller, D.K., Opas, E., and Pacholok, S. L-663,536 (MK-886) (3[1-(4-chlorobenzyl)-3-t-butyl-thio-5-isopropylindol-2-yl]-2,2-dimethylpropanoic acid), a novel, orally active leukotriene biosynthesis inhibitor, 456

Gillard, J. see Ford-Hutchinson, A.W., 989

Gillon, J.Y. see Milne, B., 532

Girard, Y. see Ford-Hutchinson, A.W., 989

Golas, C.L. see Roberts, E.A., 594

Gonzalez, G. see Gazis, D., 1586

Gordon, T. see Bambrick, L.L., 879

Gordon, T. see Feng, Z.-P., 883

Gougoux, A., and Vinay, P. Metabolic effects of valproate on dog renal cortical tubules, 88

Goyal, R., Tardif, R., and Brodeur, J. Influence of a cysteine prodrug, L-2-oxothiazolidine-4-carboxylic acid, on the urinary elimination of mercapturic acids of ethylene oxide, dibromoethane, and acrylonitrile: a dose-effect study, 207

Greenway, C.V. Effects of hepatic blood flow on hepatic ethanol kinetics measured in cats and predicted from the parallel tube model, 728

Greenway, C.V., and Bass, L. Derecruitment in cat liver: extension of undistributed parallel tube model to effects of low hepatic blood flow on ethanol uptake, 1225

Gregor, L. see Thornhill, J.A., 213

Gross, S.S. see Sakuma, I., 943

Guan, Y.Y., Kwan, C.Y., and Daniel, E.E. Does in vitro activation of postsynaptic α_2 -adrenoceptor utilize intracellular Ca^{2+} for contraction in dog saphenous vein?, 1086

Gupta, M., and Singal, P.K. Time course of structure, function, and metabolic changes due to an exogenous source of oxygen metabolites in rat heart, 1549

Haleen, S.J., Steffen, R.P., and Weishaar, R.E. Species differences in the positive inotropic response to DPI 201-106, a novel cardiotonic agent, 1460

Hall, B. see Brosnan, J.T., 1058

Hall, J. see Moody-Corbett, F., 1259

Hamel, P. see Ford-Hutchinson, A.W., 989

Hamet, P. Introduction to Peptidergic and Neurogenic Control in High Blood Pressure Symposium, 1115

Hamet, P. see Tremblay, J., 1124

Hamilton, J.T. see Yaghi, A., 315

Hanck, D.A. see Nichols, C.G., 172

Hare, G.M.T., Loh, A.Y., and Osmond, D.H. Extrarenal production and activation of human plasma prorenin: the evidence after venous occlusion, 59

Harris, W.H. see Rozon, D.K., 54

Hayashi, H., Terada, H., Kholopov, A., and McDonald, T.F. Acetate-induced depression of electrical and contractile activity in normoxic and hypoxic guinea pig papillary muscle, 734

Hayward, L.D. see Stewart, D.H., 1403

Heath, M.E. Effects of rearing temperature and level of food intake on organ size and tissue composition in piglets, 526

Heaton, J.P.W. Synthetic nitrovasodilators are effective, *in vitro*, in relaxing penile tissue from impotent men: the findings and

their implications, 78

Hébert, R.L., Sirois, P., and Plante, G.E. Inhibition of plateletactivating factor induced renal hemodynamic and tubular dysfunctions with L-655,240, a new thromboxane-prostaglandin endoperoxide antagonist, 304

Hegney, J.E. see Sherebrin, M.H., 871

Heisler, S. Phospholipase A₂ activation by melittin causes amylase release from exocrine pancreas, 411

Helbing, R.K. see Taylor, P.B., 40

Heller, R.S., Herman, R.P., and Herman, C.A. The action and metabolism of peptide leukotrienes in isolated bullfrog lung, 309

Henze, E. see Wieshammer, S., 1007

Herman, C.A. see Heller, R.S., 309

Herman, R.P. see Heller, R.S., 309

Himms-Hagen, J. see Eley, J., 116

Himms-Hagen, J. Role of thermogenesis in the regulation of energy balance in relation to obesity, 394

Hinchey, E.J. see Mersereau, W.A., 1029

Hirst, M. see Adams, M.A., 240

Hnatowich, M.R., Queen, G., Stein, D., and LaBella, F.S. ACTH receptors in nervous tissue. High affinity binding-sequestration of [1251][Phe²,Nle⁴]ACTH 1-24 in homogenates and slices from rat brain, 568

Hogan, J.E. see Burka, J.F., 477

Hombach, V. see Wieshammer, S., 1007

Hong, S.J. see Chang, C.C., 1493

Hong, Y., and Krnjević, K. Serotonin blocks the facilitatory action of muscarinic and nicotinic agents in the hippocampus in vivo. 47

Hopple, S. see Gillard, J., 456

Horackova, M., and Mapplebeck, C. Electrical, contractile, and ultrastructural properties of adult rat and guinea-pig ventricular myocytes in long-term primary cultures, 740

Horackova, M. Possible role of Na⁺ - Ca²⁺ exchange in the regulation of contractility in isolated adult ventricular myocytes from rat and guinea pig, 1525

Horan, M.A., Little, R.A., Rothwell, N.J., and Strijbos, P.J.L.M. Comparison of the effects of several endotoxin preparations on body temperature and metabolic rate in the rat, 1011

Houghton, P.E., McDonald, T.J., and Challis, J.R.G. Ontogeny
of the insulin response to glucose in fetal and adult sheep, 1288
 Howe, A. see Trayhurn, P., 106

Hryshko, L.V. see Saha, J.K., 788

Huang, B.S., McCumbee, W.D., and Wright, G.L. Further investigation of a potential calcium channel modulator isolated from rat erythrocytes, 1252

Huang, C.Y. see Chang, C.C., 1493

Huang, M., and Rorstad, O.P. Effects of GTP analogs and dithiothreitol on the binding properties of the vascular vasoactive intestinal peptide receptor, 851

Huizinga, J.D. see Walton, P.D., 1331

Humes, J. see Gillard, J., 456

Hupe, L. see Gillard, J., 456

Hutber, A. see McDermott, J.C., 1450

Hwang, L.L. see Chang, C.C., 1493

Inaba, T. Cocaine: Pharmacokinetics and biotransformation in man, 1154

Inaba, T., Kalow, W., Someya, T., Takahashi, S., Cheung, S.W., and Tang, S.W. Haloperidol reduction can be assayed in human red blood cells, 1468

Inoue, Y. see Watanabe, M., 1596

Inyang, A.L., and Okpako, D.T. Responses of the isolated

rectum of the rainbow lizard (Agama agama) to sympathomimetics, 68

Irizawa, T.G. see Ackermann, U., 675

Itoh, S. see Takashima, A., 223

Itoh, S. see Takashima, A., 228

Iwasa, K. see Morris, C.E., 152

James, C.A., and Marks, G.S. Inhibition of chick embryo hepatic uroporphyrinogen decarboxylase by components of xenobiotictreated chick embryo hepatocytes in culture, 246

Jayakody, L., Senaratne, M.P.J., Thomson, A.B.R., Sreeharan, N., and Kappagoda, C.T. Persistent impairment of endotheliumdependent relaxation to acetylcholine and progression of atherosclerosis following 6 weeks of cholesterol feeding in the rabbit, 1454

Jennings, D.B., and Flynn, T.G. Cardiovascular and renal effects of iso-rANP, a second natriuretic peptide from rat atria, 1372

Jewell, B.R. see Nichols, C.G., 172

Jolivet, A. see El Alj, A., 1051

Jones, J.D. see Bégin, F., 1265

Jones, M.G. see Church, J., 561

Jones, P.J.H. Effect of fatty acid composition of dietary fat on energy balance and expenditure in hamsters, 994

Jones, T.R., Zamboni, R., Belley, M., Champion, E., Charette, L.,
 Ford-Hutchinson, A.W., Frenette, R., Gauthier, J.-Y., Leger, S.,
 Masson, P., McFarlane, C.S., Piechuta, H., Rokach, J.,
 Williams, H., Young, R.N., DeHaven, R.N., and Pong, S.S.
 Pharmacology of L-660,771 (MK-571): a novel potent and selective leukotriene D₄ receptor antagonist, 17

Jones, T.R. see Ford-Hutchinson, A.W., 989

Kalow, W. see Inaba, T., 1468

Kamata, K. see Shigenobu, K., 669

Kannan, M.S. see Bulat, R., 837

Kappagoda, C.T. see Jayakody, L., 1454

Kappagoda, C.T. see Ravi, K., 1499

Karaki, H. see Endo, I., 1540

Karmazyn, M. see Duan, J., 704

Karmazyn, M. see Moffat, M.P., 772

Karmazyn, M. Synthesis and relevance of cardiac eicosanoids with particular emphasis on ischemia and reperfusion, 912

Kasuya, Y. see Shigenobu, K., 669

Kato, R. see Muraki, T., 1283

Kawai, Y., and Ohhashi, T. Heterogeneity in responses of isolated monkey arteries and veins to atrial natriuretic peptide, 326

Kay, J.M. see Smith, M., 202

Keck, F.S. see Wieshammer, S., 1007

Keelan, M. see Thomson, A.B.R., 179

Keelan, M. see Thomson, A.B.R., 829

Keelan, M. see Thomson, A.B.R., 1351

Kelsey, L. see Coceani, F., 902

Keough, K.M.W., Parsons, C.S., and Tweeddale, M.G. Interactions between plasma proteins and pulmonary surfactant: pulsating bubble studies, 663

Kerr, C.R. Effects of acetylcholine, propranolol, and verapamil on sinus node refractoriness of the rabbit, 1232

Kettler, J., Ong, B.Y., and Bose, D. Ouabain prevents loss of autoregulation in rat pial arterioles caused by reoxygenation after a brief hypoxic episode, 423

Kholopov, A. see Hayashi, H., 734

Kiernan, J.A. see Tepperman, B.L., 1512

Kinnaird, A.A.A., and Man, R.Y.K. Electrophysiological effects of encainide and its metabolites in normal canine Purkinje fibers and Purkinje fibers surviving infarction, 751

Kinuya, M. see Watanabe, M., 1596

Klassen, G.A., Armour, J.A., and Garner, J.B. The effects of propranolol, phentolamine, and atropine on canine coronary vascular gradients, 140

Kokate, T.G., and Frank, G.B. Blockade of K + contractures in skeletal muscle by opioid drugs: a nonstrereospecific effect, 435

Kolbeck, R.C., Chaudhary, B.A., and Speir, W.A. Effect of glucocorticoids on the response of airway smooth muscle to catecholamine and resorcinol β -agonists, 1442

Kolta, A., and Reader, T.A. Modulatory effects of catecholamines on neurons of the rat visual cortex: single-cell iontophoretic studies, 615

Koo, J. see Gana, T.J., 353

Kopp, W. see Todd, D.G., 1580

Koshita, M., and Oba, T. Caffeine treatment inhibits druginduced calcium release from sarcoplasmic reticulum and caffeine contracture but not tetanus in frog skeletal muscle, 890

Kostolanska, F. see Daniel, E.E., 1074

Kreher, P. see Thollon, C., 1471

Krnjević, K. see Hong, Y., 47

Krnjevíc, K., and Xu, Y.Z. Dantrolene suppresses the hyperpolarization or outward current observed during anoxia in hippocampal neurons, 1602

Krueger, C.A. see Fathi-Afshar, R., 276

Kulhánková, I. see Velíšek, L., 1357

Kusuya, Y. see Nakazawa, K., 1109

Kwan, C.Y. see Shi, A.G., 1067

Kwan, C.Y. see Guan, Y.Y., 1086

LaBella, F.S. see Hnatowich, M.R., 568

LaChance, P. see Poehlman, E.T., 10

Lam, T. see Thomson, A.B.R., 1351

Lambert, C. see Cardinal, R., 697

Larivière, R., Baribeau, J., St-Louis, J., and Schiffrin, E.L. Vasopressin receptors and inositol trisphosphate production in blood vessels of spontaneously hypertensive rats, 232

Lathrop, D.A., and Varró, A. Modulation of the effects of sotalol on Purkinje strand electromechanical characteristics, 1463

Lautt, W.W., and McQuaker, J.E. Maintenance of hepatic arterial blood flow during hemorrhage is mediated by adenosine, 1023

Lautt, W.W. see D'Almeida, M.S., 1418

Leblanc, N. see Ruiz-Petrich, E., 780

Lebrec, D. see Roulot, D., 1369

Ledsome, J.R. see Courneya, C.A., 344

Ledsome, J.R. see Courneya, C.A., 1386

Leger, S. see Jones, T.R., 17

Leger, S. see Gillard, J., 456

Letarte, J. see Qureshi, I.A., 1426

Leung, P.C.K., Wang, J., and Baimbridge, K.G. Mechanism of action of luteinizing hormone-releasing hormone in rat ovarian cells, 962

Leveillé, C. see Ford-Hutchinson, A.W., 989

Levenez, F. see Cuber, J.C., 1391

Lévesque, D. see Di Paolo, T., 1177

Levi, R. see Sakuma, I., 943

Liske, S., and Morris, M.E. Effects of GABA, THIP, and potassium on excitability of myelinated axons of isolated amphibian spinal roots, 682

Liske, S. see Morris, M.E., 1308

Little, R.A. see Horan, M.A., 1011

Lodge, D. see Church, J., 561

Loh, A.Y. see Hare, G.M.T., 59

Loos, U. see Wieshammer, S., 1007

López-Novoa, J.M. see Villamediana, L.M., 1506

Lord, A. see Ford-Hutchinson, A.W., 989

Luchowski, E.M. see Bolger, G.T., 331

Lueddens, H.W.M. see Bolger, G.T., 126

Luell, S. see Gillard, J., 456

Lukas, A., and Antzelevitch, C. Reflected reentry, delayed conduction, and electrotonic inhibition in segmentally depressed atrial tissues, 757

Lukas, A., and Ferrier, G.R. Arrhythmic effects of norepinephrine in a model of cardiac ischemia and reperfusion, 765

Lund, D.D. see Peuler, J.D., 442

Lund, D.D. see Patel, K.P., 450

Ma, S.W.Y., and Foster, D.O. Brown adipose tissue, liver, and diet-induced thermogenesis in cafeteria diet-fed rats, 376

MacIntyre, D.E. see Gillard, J., 456

MacMillan, H.F. see Marks, G.S., 417

MacPherson, B.R. see Gana, T.J., 353

Magnan, J. see Tiberi, M., 1336

Malnic, G. see Damasco, M.C., 607

Mamiya, G. see Watanabe, M., 1596

Man, R.Y.K. see Kinnaird, A.A.A., 751

Man, S.F.P. see Duszyk, M., 1362

Manaka, H. see Daniel, E.E., 1560

Mapplebeck, C. see Horackova, M., 740

Marceau, F., Tremblay, B., Couture, R., and Regoli, D. Prostacyclin release induced by neurokinins in cultured human endothelial cells, 159

Mareš, P. see Velišek, L., 1357

Margolin, Y. see Behrman, H.R., 954

Maric, M., Gall, D.G., and Scott, R.B. The effect of food protein-induced intestinal anaphylaxis on rate of transit, 1437

Marin, L. see Wojtowicz, J.M., 167

Marks, G.S. see James, C.A., 246

Marks, G.S., McLaughlin, B.E., MacMillan, H.F., Nakatsu, K., and Brien, J.F. Differential biotransformation of glyceryl trinitrate by red blood cell – supernatant fraction and pulmonary vein homogenate, 417

Marks, G.S. see Slack, C.J., 1381

Martin, P. see Tchou, P., 650

Marwah, J. see Pitts, D.K., 1168

Marya, R.K. see Chandran, A.P., 1240

Masson, P. see Jones, T.R., 17

Masson, P. see Ford-Hutchinson, A.W., 989

Mazurkiewicz-Kwilecki, I.M., and Nsonwah, S. Changes in the regional brain histamine and histidine levels in postmortem brains of Alzheimer patients, 75

McCumbee, W.D. see Huang, B.S., 1252

McCumbee, W.D. see Todd, D.G., 1580

McDermott, J.C., Hutber, A., Tan, M.H., and Bonen, A. The use of a cell-free perfusate in the perfused rat hindquarter: methodological concerns, 1450

McDonald, T.F. see Hayashi, H., 734

McDonald, T.J. see Houghton, P.E., 1288

McFarlane, C.S. see Jones, T.R., 17

McFarlane, C.S. see Gillard, J., 456

McGrath, G.M. see Ramanadham, S., 519

McGrath, G.M. see Rodrigues, B., 629

McIntosh, C.H.S. see Campos, R.V., 1520

McLaughlin, B.E. see Marks, G.S., 417

McLaughlin, B.E. see Slack, C.J., 1381

McNeill, J.H. see Ramanadham, S., 519

McNeill, J.H. see Rodrigues, B., 629

McPhee, M.D., and Whiting, S.J. The effect of adenosine and adenosine analogues on methylxanthine-induced hypercalciuria in the rat, 1278

McQuaker, J.E. see Lautt, W.W., 1023

McVey, M. see Pencharz, P., 624

Mekjavić, I.B., and Bligh, J. Core threshold temperatures for sweating, 1038

Melamed, Y. see Bitterman, H., 1033

Mendlowitz, M. see Gazis, D., 1586

Mersereau, W.A., and Hinchey, E.J. Neomycin prevents indomethacin-induced gastric peristalsis and mucosal injury in the rat, 1029

Metzger, J. see Gillard, J., 456

Meurer, R. see Gillard, J., 456

Miller, D.K. see Gillard, J., 456

Milne, B., Quintin, L., Gillon, J.Y., and Pujol, J.-F. Fentanyl decrease catecholamine metabolism measured by in vivo voltammetry in the rat locus coeruleus, 532

Milner, R.E. see Trayhurn, P., 811

Milojevic, S. see Sonnenberg, H., 1365

Mirvaldová, H. see Velišek, L., 1357

Moffat, M.P., Ferrier, G.R., and Karmazyn, M. A direct role of endogenous prostaglandins in reperfusion-induced cardiac arrhythmias, 772

Moffat, M.P., and Tsushima, R.G. Functional and electrophysiological effects of quinacrine on the response of ventricular tissues to hypoxia and reoxygenation, 929

Molyvdas, P.-A., and Sperelakis, N. Acetylcholine inhibition in rabbit sinoatrial node is prevented by pertussis toxin, 522

Montastruc, J.-L. see Damase-Michel, C., 428

Montpetit, M.R. see Morris, C.E., 152

Moody-Corbett, F., Gilbert, R., Akbarali, H., and Hall, J. Calcium current in embryonic *Xenopus* muscle cells in culture, 1259

Morgan, D.A. see Peuler, J.D., 442

Morgan, D.A. see Patel, K.P., 450

Mori, T. see Shigenobu, K., 669

Morissette, M. see Di Paolo, T., 1177

Morlans, J. see Alvarez, J., 263

Morris, C.E., Montpetit, M.R., Sigurdson, W.J., and Iwasa, K. Activation by curare of acetylcholine receptor channels in a murine skeletal muscle cell line, 152

Morris, G.P. see Beck, P.L., 287

Morris, M.E. see Liske, S., 682

Morris, M.E., and Liske, S. Ionic mechanisms of action of GABA on dorsal and ventral root myelinated fibers: effects of K⁺ channel blockers, 1308

Mortola, J.P. see Xu, L., 515

Morton, H. see Gillard, J., 456

Mozaffari, M.A., Allo, S., and Schaffer, S.W. The effect of sulfonylurea therapy on defective calcium movement associated with diabetic cardiomyopathy, 1431

Mulay, S., and Varma, D.R. Placental barrier to atrial natriuretic peptide in rats, 1

Muraki, T., Nomoto, T., and Kato, R. Developmental changes in the effects of carbachol and morphine on cGMP contents of plasma, heart, and lung of mice, 1283

Nadeau, A. see Poehlman, E.T., 10

Nadeau, A. see Broderick, T.L., 1598

Nadeau, R. see Cardinal, R., 697

Nag, S., and Pang, S.C. Effect of atrial natriuretic factor on blood-brain barrier permeability, 637

Nagata, M. see Ueda, F., 1243

Nagata, T. see Ueda, F., 1243

Nakatsu, K., and Diamond, J. Role of cGMP in relaxation of vascular and other smooth muscle, 251

Nakatsu, K. see Marks, G.S., 417

Nakatsu, K. see Slack, C.J., 1381

Nakazawa, K., Kusuya, Y., and Shigenobu, K. Developmental increase in the inotropic and cyclic AMP response to isoproterenol in embryonic and newly hatched chicks, 1109

Narayanan, N., Bedard, P., and Waraich, T.S. Effects of endogenous calcium transport inhibitor from heart muscle on the active calcium uptake and passive calcium release properties of sarcoplasmic reticulum, 999

Newman, A.H. see Bolger, G.T., 126

Ng, D. see Gana, T.J., 353

Nichols, C.G., Hanck, D.A., and Jewell, B.R. Erratum: The Anrep effect: an intrinsic myocardial mechanism, 172

Nomoto, T. see Muraki, T., 1283

Nsonwah, S. see Mazurkiewicz-Kwilecki, I.M., 75

Nunes, C.S. see Galibois, I., 1409

Oba, T. see Koshita, M., 890

O'Brodovich, H. see Smith, M., 202

Ogawa, K. see Watanabe, M., 1596

Ohhashi, T. see Kawai, Y., 326

Okey, A.B. see Roberts, E.A., 594

Okpako, D.T. see Inyang, A.L., 68 Olley, P.M. see Coe, J.Y., 587

Ong, B.Y. see Kettler, J., 423

Opas, E. see Gillard, J., 456

O'Shaughnessy, C.T., Rothwell, N.J., and Shrewsbury-Gee, J. Effects of an analogue of thyrotrophin-releasing hormone, RX77368, on infarct size and cerebral blood flow in focal cerebral ischaemia in the rat, 1345

Osmond, D.H. see Hare, G.M.T., 59

Pacholok, S. see Gillard, J., 456

Pahor, M., Di Gennaro, M., Bernabei, R., Gambassi, G., Jr., and Carbonin, P. Programmed electrical stimulation-induced arrhythmias in isolated hearts from adult and senescent rats, 472

Pang, C.C.Y. see Tabrizchi, R., 83

Pang, S.C. see Nag, S., 637

Papageorgiou, A. see Fencharz, P.B., 282

Paradis, P., Rouleau, J.-L., Shenasa, H., and Brakier-Gingras, L.
Protein synthesis in increased in heart failure induced by low dose adriamycin in rabbits, 197

Pardini, B.J. see Peuler, J.D., 442

Pardini, B.J. see Patel, K.P., 450

Parent, R. see Cardinal, R., 697

Parsons, C.S. see Keough, K.M.W., 663

Pasutto, F.M. see Burka, J.F., 483

Patel, K.P. see Peuler, J.D., 442

Patel, K.P., Peuler, J.D., Morgan, D.A., Pardini, B.J., Lund, D.D., and Schmid, P.G. Central noradrenergic activity in intact and sinoaortic denervated Dahl rats, 450

Patel, K.P. Atrial natriuretic factor attenuates sympathetic neuroeffector responses in hindlimb vasculature of rabbits, 1101

Paterson, N.A.M. see Yaghi, A., 315

Patrick, J. see Smith, G.N., 686

Pederson, R.A. see Campos, R.V., 1520

Pencharz, P., Beesley, J., Sauer, P., Van Aerde, J., Canagarayar, U., Renner, J., McVey, M., Wesson, D., and Swyer, P. A comparison of the estimates of whole-body protein turnover in parenterally fed neonates obtained using three different end products, 624

Pencharz, P.B., Clarke, R., Papageorgiou, A., and Farri, L. A

reappraisal of protein turnover values in neonates fed human milk or formula, 282

Perks, A.M., and Cassin, S. The effects of arginine vasopressin and epinephrine on lung liquid production in fetal goats, 491

Péronnet, F. see Trudeau, F., 192

Peterson, L. see Gillard, J., 456

Peuler, J.D., Patel, K.P., Morgan, D.A., Whiteis, C.A., Lund, D.D., Pardini, B.J., and Schmid, P.G. Altered peripheral noradrenergic activity in intact and sinoaortic denervated Dahl rats, 442

Peuler, J.D. see Patel, K.P., 450

Pfeiffer, E.F. see Wieshammer, S., 1007

Piechuta, H. see Jones, T.R., 17

Piechuta, H. see Gillard, J., 456

Pillai, G., and Sutter, M.C. Effect of plasma from hypertensive patients on contractile response of vascular smooth muscle from normotensive rat, 1272

Pitelka, V. see Weick, R.F., 135

Pittman, Q.J. see Riphagen, C.L., 269

Pitts, D.K., and Marwah, J. Autonomic actions of cocaine, 1168

Plante, G.E. see Hébert, R.L., 304

Podgurniak, M. see Wiechetek, M., 1062

Podgurniak, P. see Wiechetek, M., 1062

Poehlman, E.T., LaChance, P., Tremblay, A., Nadeau, A., Dussault, J., Thériault, G., Després, J.-P., and Bouchard, C. The effect of prior exercise and caffeine ingestion on metabolic rate and hormones in young adult males, 10

Poirier, P. see Broderick, T.L., 1598

Pong, S.S. see Jones, T.R., 17

Pope, B.L. Immunopharmacology: A new frontier, 537

Posey-Daniel, V. see Daniel, E.E., 1560

Potvin, W., and Varma, D.R. Bronchodilator activity of atrial natriuretic peptide in guinea pigs, 1213

Proto, M.C. see Coviello, A., 362

Pujol, J.-F. see Milne, B., 532

Queen, G. see Hnatowich, M.R., 568

Quintin, L. see Milne, B., 532

Qureshi, I.A., Clermont, P., and Letarte, J. The importance of glyoxylate and other glycine precursors in the hepatic and renal conjugation of benzoate in normal and hyperammonemic mice,

Rabkin, S.W., and Redston, M. The effect of inhibitors of endogenous opioid degradation, bacitracin, bestatin, captopril, and D-phenylalanine, on digoxin-induced arrhythmias in guinea

Ramanadham, S., McGrath, G.M., and McNeill, J.H. Chronotropic function in spontaneously diabetic BB rats, 519

Ravi, K., Teo, K.K., and Kappagoda, C.T. Action of histamine on the rapidly adapting airway receptors in the dog, 1499

Reader, T.A. see Kolta, A., 615

Redston, M. see Rabkin, S.W., 857

Regoli, D. see Marceau, F., 159

Reichenbecher, V.E. see Todd, D.G., 1580

Renner, J. see Pencharz, P., 624

Renton, K.W. see Turner, P.V., 582

Rérat, A. see Galibois, I., 1409

Reynolds, J.N., and Carlen, P.L. The effects of midazolam on hippocampal dentate gyrus granule neurons from young and old Fischer 344 rats, 359

Rice, K.C. see Bolger, G.T., 126

Richard, D., and Rivest, S. The role of exercise in thermogenesis and energy balance, 402

Riendeau, D. see Gillard, J., 456

Riley, J.C.M. see Carlson, J.C., 957

Riphagen, C.L., and Pittman, Q.J. Mechanisms underlying the cardiovascular responses to intrathecal vasopressin administration in rats, 269

Riverin, H. see Côté, C., 645

Rivest, S. see Richard, D., 402

Roach, M.R. see Boyce, T.T., 34

Roach, M.R. see Sherebrin, M.H., 871

Roberge, A.G. see Wandji, S.A., 5

Roberts, E.A., Vella, L.M., Golas, C.L., Dafoe, L.A., and Okey, A.B. Ah receptor in spleen of rodent and primate species: detection by binding of 2,3,7,8-tetrachlorodibenzo-pdioxin, 594

Roberts, S.B. Use of the doubly labeled water method for measurement of energy expenditure, total body water, water intake, and metabolizable energy intake in humans and small animals, 1190

Rodrigues, B., McGrath, G.M., and McNeill, J.H. Cardiac function in spontaneously diabetic BB rats treated with low and high dose insulin, 629

Rogers, P.A. see Côté, C., 645

Rokach, J. see Jones, T.R., 17

Rokach, J. see Gillard, J., 456

Rompala, R.E., and Darre, M.J. Effect of albuterol on oxygen uptake and Na $^+$ - K $^+$ ATPase activity of jejunal epithelia and liver in chickens, 431

Rorstad, O.P. see Huang, M., 851

Rothwell, N.J. see Horan, M.A., 1011

Rothwell, N.J. see O'Shaughnessy, C.T., 1345

Rouillard, C. see Di Paolo, T., 1177

Rouleau, J.-L. see Paradis, P., 197

Roulot, D., Gaudin, C., Braillon, A., Sekiyama, T., Bacq, Y., and Lebrec, D. Hemodynamic effects of a combination of clonidine and propranolol in conscious cirrhotic rats, 1369

Rourke, S. see Taylor, P.B., 40

Rousseau, G. see Alvarez, J., 263

Rousseaux, C.G., and Dua, A.K. Pharmacology of H1-6, an H-series oxime, 1183

Rouzer, C.A. see Gillard, J., 456

Rozon, D.K., Harris, W.H., and Verrinder Gibbins, A.M. Uncoupling protein and its mRNA in brown adipose tissue of newborn rabbits, 54

Roztočilová, L. see Velišek, L., 1357

Ruiz-Petrich, E., and Leblanc, N. The mechanism of the ratedependent changes of the conducted action potential in rabbit ventricle, 780

Rutledge, A. see Wei, X.Y., 506

Saha, J.K., Hryshko, L.V., Bouchard, R.A., Chau, T., and **Bose**, **D**. Analysis of the effect of (-) and (+) isomers of the 1,4-dihydropyridine calcium channel agonist BAY k 8644 on postrest potentiation in the canine ventricular muscle, 788

Saint, D.A. The effect of 4-aminopyridine and tetraethylammonium on the kinetics of transmitter release at the mammalian neuromuscular synapse, 1045

Sakuma, I., Gross, S.S., and Levi, R. Positive inotropic effect of the thromboxane analog U-46619 on guinea pig left atrium: mediation by specific receptors and association with increased phosphoinositide turnover, 943

Sasyniuk, B.I. see Flemming, M.A., 710

Sauer, P. see Pencharz, P., 624

Savoie, L. see Bégin, F., 1265

Savoie, L. see Galibois, I., 1409

Sawada, M., and Carlson, J.C. Superoxide radical production

in plasma membrane samples from regressing rat corpora lutea, 465

Sawynok, J. The role of ascending and descending noradrenergic and serotonergic pathways in opioid and non-opioid antinociception as revealed by lesion studies, 975

Schaffer, S.W. see Mozaffari, M.S., 1431

Schiffrin, E.L. see Larivière, R., 232

Schiffrin, E.L. Vascular receptors for angiotensin, vasopressin, and atrial natriuretic peptide in experimental hypertension, 1118

Schanne, O.F., Boutin, L., and Derosiers, J. Effects of K-channel blockers, calcium, and verapamil suggest different pacemaker mechanisms in cultured neonatal rat and embryonic chick ventricle cells, 795

Schmid, P.G. see Peuler, J.D., 442

Schmid, P.G. see Patel, K.P., 450

Scott, R.B., Gall, D.G., and Diamant, S.C. Intestinal motility during acute Yersinia enterocolitica enteritis in rabbits, 553

Scott, R.B. see Diamant, S.C., 1326

Scott, R.B. see Maric, M., 1437

Scott-Savage, P. see Burka, J.F., 483

Sebert, P. see Simon, B., 1247

Sekiyama, T. see Roulot, D., 1369

Senaratne, M.P.J. see Jayakody, L., 1454

Seoane, J.R. see Wandji, S.A., 5

Sharma, A.D. see Waxman, M.B., 801

Sharma, L.K. see Chandran, A.P., 1240

Shenasa, H. see Paradis, P., 197

Shenasa, J. see Cardinal, R., 697

Sheppard, M.S., Eatock, B.A., and Bala, R.M. Altered release of growth hormone from dispersed adenohypophysial cells of streptozotocin diabetic rats. I. Effects of growth hormone releasing factor and somatostatin, 1315

Sheppard, M.S., Eatock, B.A., and Bala, R.M. Altered release of growth hormone from dispersed adenohypophysial cells of streptozotocin diabetic rats. II. Effects of a phorbol ester and secretagogues which increase cyclic AMP, 1321

Sherebrin, M.H., Hegney, J.E., and Roach, M.R. Effects of age on the anisotropy of the descending human thoracic aorta determined by uniaxial tensile testing and digestion by NaOH under load, 871

Shi, A.G., Ahmad, S., Kwan, C.Y., and Daniel, E.E. Characterization of α-adrenoceptor subtypes by [³H]prazosin and [³H]rauwolscine binding to canine venous smooth muscle membranes, 1067

Shigenobu, K., Mori, T., Kamata, K., and Kasuya, Y. Platelet-activating factor: lack of direct action on guinea pig myocardium and possible transmitter release from cardiac sympathetic nerve endings at high concentrations, 669

Shigenobu, K. see Nakazawa, K., 1109

Shinkai, M. see Takayanagi, I., 1398

Shrewsbury-Gee, J. see O'Shaughnessy, C.T., 1345

Sigurdson, W.J. see Morris, C.E., 152

Simon, B., Sebert, P., and Barthelemy, L. Effects of long-term exposure to hydrostatic pressure per se (101 ATA) on eel metabolism, 1247

Simon, J.K., and Ciriello, J. Contribution of afferent renal nerves to the metabolic activity of central structures involved in the control of the circulation, 1130

Singal, P.K. see Gupta, M., 1549

Sirois, P. see Hébert, R.L., 304

Skolnick, P. see Bolger, G.T., 126

Slack, C.J., McLaughlin, B.E., Brien, J.F., Marks, G.S., and Nakatsu, K. Biotransformation of glyceryl trinitrate and isosorbide dinitrate in vascular smooth muscle made tolerant to organic nitrates, 1381

Smith, G.N., Brien, J.F., Carmichael, L., Clarke, D.W., and Patrick, J. Effect of acute, multiple-dose ethanol on maternal and fetal blood gases and acid-base balance in the near-term pregnant ewe, 686

Smith, J.D., and Bolger, G.T. Selective inhibition of [3H]nitrendipine binding to brain and cardiac membranes by bacitracin, 1591

Smith, M., Coates, G., Kay, J.M., and O'Brodovich, H. The response of the pulmonary circulation to exercise during normoxia and hypoxia following pneumonectomy in the adult sheep, 202

Someya, T. see Inaba, T., 1468

Sonnenberg, H., Milojevic, S., Yip, C., and Veress, A.T. Basal and stimulated ANF secretion: role of tissue preparation, 1365

Soper, B.D. see Tepperman, B.L., 1512

Soria, M.O. see Coviello, A., 362

Speir, W.A. see Kolbeck, R.C., 1442

Sperelakis, N. see Molyvdas, P.-A., 522

Sreeharan, N. see Jayakody, L., 1454

Steffen, R.P. see Haleen, S.J., 1460

Stein, D. see Hnatowich, M.R., 568

Steinberg, S. see Blier, P., 98

Stevens, E.D. see Syme, D.A., 1294

Stevens, E.D., and Syme, D.A. The relative changes in isometric force and work during fatigue and recovery in isolated toad sartorius muscle, 1544

Stewart, D.H., Hayward, L.D., and Bennett, B.M. Differential biotransformation of the enantiomers of isoidide dinitrate in isolated rat aorta, 1403

St-Louis, J. see Larivière, R., 232

Stockbridge, L.L., and French, A.S. Characterization of a calcium-activated potassium channel in human fibroblasts, 1300 Strauss III, J.F. see Takagi, K., 968

Strijbos, P.J.L.M. see Horan, M.A., 1011

Sumners, C. see Fregly, M.J., 656

Sutter, M.C. see Pillai, G., 1272

Suzuki, T. see Endo, I., 1540

Swyer, P. see Pencharz, P., 624

Syme, D.A., and Stevens, E.D. Effect of cycle frequency and excursion amplitude on work done by rat diaphragm muscle, 1294

Syme, D.A. see Stevens, E.D., 1544

Tabrizchi, R., and Pang, C.C.Y. Propranolol antagonizes hypotension induced by α -blockers but not by sodium nitroprusside or methacholine, 83

Takagi, K., and Strauss III, J.F. Control of low density lipoprotein receptor gene expression in steroidogenic cells, 968

Takahashi, H. see Endo, I., 1540

Takahashi, S. see Inaba, T., 1468

Takashima, A., and Itoh, S. Neuropharmacological properties of V-9-M, a putative neuropeptide derived from procholecystokinin, in the rat, 223

Takashima, A., and Itoh, S. Effect of V-9-M, a peptide fragment derived from procholecystokinin, on memory processes in the rat, 228

Takayanagi, I., Shinkai, M., and Yamasawa, K. Effects of aging on α_1 -adrenoceptor mechanisms and the inhibitory effect of diltiazem on noradrenaline maximum response in isolated rat aortic preparation, 1398

Taleisnik, S. see Zubin, P., 322

Tan, M.H. see McDermott, J.C., 1450

Tang, S.W. see Inaba, T., 1468

Tardif, R. see Goyal, R., 207

Tatsunuma, T. see Watanabe, M., 1596

Tavernini, M. see Thomson, A.B.R., 1351

Taylor, P.B., Helbing, R.K., Rourke, S., and Churchill, D. Effect of catecholamine-induced cardiac hypertrophy on the force-interval relationship, 40

Tchou, P., Martin, P., Wallick, D.W., and Crafford, W.A. Mechanism of facilitation of conduction in Purkinje fibers with sequential pacing, 650

Temple, N.J. see Trayhurn, P., 1480

Teo, K.K. see Ravi, K., 1499

Tepperman, B.L., Kiernan, J.A., and Soper, B.D. The effect of sialoadenectomy on gastric mucosal integrity in the rat: roles of epidermal growth factor and prostaglandin E₂, 1512

Terada, H. see Hayashi, H., 734

Thériault, G. see Poehlman, E.T., 10

Thibault, L. see Wandji, S.A., 5

Thollon, C., and Kreher, P. Altered electrical response to caffeine exposure in hypertrophied rat myocardium, 1471

Thompson, D.L. see Weick, R.F., 135

Thomson, A.B.R., Keelan, M., Garg, M.L., and Clandinin, M.T. Intestinal aspects of lipid absorption: in review, 179

Thomson, A.B.R., Keelan, M., Garg, M.L., and Clandinin, M.T. Fish oil prevents effect of high cholesterol diet on active intestinal transport of galactose, 829

Thomson, A.B.R., Keelan, M., Clandinin, M.T., Tavernini, M., Lam, T., Walker, K., and Cheeseman, C.I. Lack of protective effect of oral enprostil, a synthetic prostaglandin E₂, on intestinal transport and morphology following abdominal irradiation in the rat, 1351

Thomson, A.B.R. see Jayakody, L., 1454

Thornhill, J.A., Townsend, C., and Gregor, L. Intravenous morphine infusion (IMF) to drug-naive, conscious rats evokes bradycardic, hypotensive effects, but pressor actions are elicited after IMF to rats previously given morphine, 213

Tiberi, M., and Magnan, J. Pharmacological characterization of the binding of [³H]bremazocine in guinea-pig brain: evidence for multiplicity of the κ-opioid receptors, 1336

Todd, D.G., McCumbee, W.D., Wright, G.L., Kopp, W., and Reichenbecher, V.E. Hypotensive properties of antibodies directed against an endogenous pressor peptide isolated from rat blood, 1580

Townsend, C. see Thornhill, J.A., 213

Tran, M.-A. see Damase-Michel, C., 428

Trayhurn, P., and Howe, A. Noradrenaline turnover in brown adipose tissue and the heart of fed and fasted golden hamsters, 106

Trayhurn, P. Thermogenesis and the energetics of pregnancy and lactation. 370

Trayhurn, P., and Milner, R.E. A commentary on the interpretation of *in vitro* biochemical measures of brown adipose tissue thermogenesis, 811

Trayhurn, P., Temple, N.J., and Van Aerde, J. Evidence from immunoblotting studies on uncoupling protein that brown adipose tissue is not present in the domestic pig, 1480

Tremblay, A. see Poehlman, E.T., 10

Tremblay, A. see Broderick, T.L., 1598

Tremblay, B. see Marceau, F., 159

Tremblay, C. see Gascon-Barré, M., 1015

Tremblay, D. see Côté, C., 645

Tremblay, J., and Hamet, P. Biochemical mechanisms of atrial natriuretic factor action, 1124 Triggle, D.J. see Bolger, G.T., 331

Triggle, D.J. see Wei, X.Y., 506

Trudeau, F., Péronnet, F., Béliveau, L., and Brisson, G. Metabolic and endocrine responses to prolonged exercise in rats under β_2 -adrenergic blockade, 192

Tsang, B.K. see Asem, E.K., 122

Tsuruta, S. see Watanabe, M., 1596

Tsushima, R.G. see Moffat, M.P., 929

Turner, P.V., and Renton, K.W. The interaction between carbamazepine and erythromycin, 582

Tweeddale, M.G. see Keough, K.M.W., 663

Ueda, F., Nagata, M., Nagata, T., and Umeda, M. Effects of inhaled cadmium on breathing in the mouse, 1243

Umeda, M. see Ueda, F., 1243

Vachon, C. see Bégin, F., 1265

Van Aerde, J. see Pencharz, P., 624

Van Aerde, J. see Trayhurn, P., 1480

Varma, D.R. see Mulay, S., 1

Varma, D.R. see Potvin, W., 1213

Varró, A. see Lathrop, D.A., 1463

Velíšek, L., Kulhánková, I., Roztočilová, L., Mareš, P., Velíšková, J., and Mirvaldová, H. Ethosuximide affects both pentylenetetrazole- and kainate-induced clonic seizures but differentiates between tonic-clonic seizures, 1357

Velíšková, J. see Velíšek, L., 1357

Vella, L.M. see Roberts, E.A., 594

Veress, A.T. see Sonnenberg, H., 1365

Vermeulen, M. see Cardinal, R., 697

Verrinder Gibbins, A.M. see Rozon, D.K., 54

Villamediana, L.M., García-Villalón, A.L., Caramelo, C., and López-Novoa, J. Effect of dietary sodium intake on the pressor reactivity to angiotensin II in rats with experimental cirrhosis of the liver, 1506

Vinay, P. see Gougoux, A., 88

Vinay, P. see Poulanger, Y., 820

Vriend, R. see Fathi-Afshar, R., 276

Waitzinger, J. see Wieshammer, S., 1007

Wald, R.W. see Waxman, M.B., 801

Walker, K. see Thomson, A.B.R., 1351

Wallace, J.L. see Cirino, G., 72

Wallace, J.L. see Beck, P.L., 287

Wallick, D.W. see Tchou, P., 650

Walton, P.D., and Huizinga, J.D. Stimulus-dependent pacemaker activity in the distal canine lower esophageal sphincter, 1331

Walz, W. pH shifts evoked by neuronal stimulation in slices of rat hippocampus, 577

Wandji, S.A., Seoane, J.R., Roberge, A.G., Bédard, L., and Thibault, L. Effects of intrahypothalamic injections of GABA, muscimol, pentobarbital, and L-glutamic acid on feed intake of satiated sheep, 5

Wang, J. see Leung, P.C.K., 962

Waraich, T.S. see Narayanan, N., 999

Watanabe, M., Tsuruta, S., Inoue, Y., Kinuya, M., Ogawa, K., Mamiya, G., and Tatsunuma, T. Dopamine D1 and D2 receptors in spontaneously hypertensive rat brain striatum, 1596

Waxman, M.B., Sharma, A.D., Asta, J., Cameron, D.A., and Wald, R.W. The protective effect of vagus nerve stimulation on catecholamine-halothane-induced ventricular fibrillation in dogs, 801

Wei, X.Y., Rutledge, A., Zhong, Q., Ferrante, J., and Triggle, D.J.
Ca²⁺ channels in chick neural retina cells characterized by 1,4-dihydropyridine antagonists and activators, 506

Weick, R.F., Pitelka, V., and Thompson, D.L. Responses of luteinizing hormone (LH) and follicle-stimulating hormone levels to exogenous gonadotropin-releasing hormome during the estrogen-induced LH surge in the ovariectomized rhesus monkey, 135

Weishaar, R.E. see Haleen, S.J., 1460

Weiss, M. see Debonnel, G., 904

Wesson, D. see Pencharz, P., 624

West, J.B. Physiological responses to severe hypoxia in man, 173

Whiteis, C.A. see Peuler, J.D., 442

Whiting, S.J. see McPhee, M.D., 1278

Wiechetek, M., Podgurniak, P., Zabielski, R., and Podgurniak, M.
The effect of adrenal denervation on the metabolic effects of hyperammonemia in sheep, 1062

Wieshammer, S., Keck, F.S., Waitzinger, J., Henze, E., Loos, U., Hombach, V., and Pfeiffer, E.F. Acute hypothyroidism slows the rate of left ventricular diastolic relaxation, 1007

Williams, H. see Jones, T.R., 17

Williams, J.H., and Barnes, W.S. Extracellular calcium and the inotropic effect of epinephrine on frog skeletal muscle, 1574

Wilson, A.N.A., and Broadley, K.J. Analysis of the direct and indirect effects of adenosine on atrial and ventricular cardiac muscle, 294

Wilson, N. see Courneya, C.A., 344

Wilson, N. see Courneya, C.A., 1386

Wojtowicz, J.M., Marin, L., and Atwood, H.L. Synaptic restructuring during long-term facilitation at the crayfish neuromuscular junction, 167

Wood, P.J. see Bégin, F., 1265

Wright, G.L. see Huang, B.S., 1252

Wright, G.L. see Todd, D.G., 1580

Wright, J. see Coceani, F., 1448

Xu, L., and Mortola, J.P. Effects of hypoxia or hyperoxia on the lung of the chick embryo, 515

Xu, Y.Z. see Krnjević, K., 1602

Yaghi, A., Hamilton, J.T., and Paterson, N.A.M. Influence of platelet-activating factor on leukotriene D₄-induced contractions of the guinea pig parenchymal strip, 315

Yamaguchi, N., Briand, R., and Brassard, M. Direct evidence that an increase in aortic norepinephrine level in response to insulin-induced hypoglycemia is due to increased adrenal norepinephrine output, 499

Yamasawa, K. see Takayanagi, I., 1398

Yip, C. see Sonnenberg, H., 1365

Young, R. see Gillard, J., 456

Young, R. see Ford-Hutchinson, A.W., 989

Young, R.N. see Jones, T.R., 17

YoungLai, E.V., and Byrne, A. Opioidergic control of gonadotropin secretion in the female rabbit: divergent effects of morphine on secretion of follicle-stimulating hormone and luteinizing hormone, 1486

Zabielski, R. see Wiechetek, M., 1062

Zamboni, R. see Jones, T.R., 17

Zhao, D., and Dhalla, N.S. Influence of gramicidin S on cardiac membrane Ca²⁺/Mg²⁺ ATPase activities and contractile force development, 546

Zhao, J. see Gendreau, R., 722

Zhong, Q. see Wei, X.Y., 506

Zubin, P., and Taleisnik, S. Hypothalamic cyclic AMP after the injection of ovarian steroids into ovariectomized rats, 322



CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY

JOURNAL CANADIEN DE PHYSIOLOGIE ET PHARMACOLOGIE

VOLUME 67 (1989)

SUBJECT INDEX/INDEX DES MATIÈRES

Acetate heart contractility elec activity hypoxia 734 Acetylcholine heart sinus node 1232 Acetylcholine nerve axon conduction inhibition nicardipine 1493 Acetylcholine nerve axon conduction inhibition nicardipine 1493
Acetylcholine receptor channel muscle curare 152
Acetylcholine sinoatrial node G protein 522
Acidification kidney distal nephron corticosteroid 607
Acidosis ammonium formation glutamine kidney 641
Acrylonitrile metab oxothiazolidinecarboxylate 207
ACTH receptor brain 568
Action potential mechanism change rabbit ventricle 780
Adenosine antagonism methylxanthine calcium urine 1278
Adenosine heart atrium ventricle 294
Adenosine heart atrium ventricle 294
Adenosine heart atrium ventricle 294 Adenosine heart atrium ventricle 294
Adenosine hemorrhage hepatic artery blood flow 1023
Adipocyte insulin receptor feeding GIP 1105
Adipose brown noradrenaline metab starvation 106
Adipose brown uncoupling protein mRNA newborn 54
Adipose brown uncoupling protein mRNA newborn 54
Adipose thermogenesis pregnancy lactation review 370
Adipose tissue brown liver rat thermogenesis 376
Adipose tissue brown obesity gold thioglucose 116
Adipose uncoupling protein swine 1480
Adrenal denervation ammonia sheep 1062
Adrenal medulla opioid agonist diuresis 1219
Adrenal norepinephrine insulin hypoglycemia 499
Adrenergic alpha blocker antihypertensive propranolol 83
Adrenergic opioid analgesia serotonergic 975 Adenosine heart atrium ventricle 294 Adrenergic opioid analgesia serotonergic 975
Adrenergic receptor heart contraction development 883
Adrenergic receptor muscle metab exercise 192
Adrenergic receptor muscle metab exercise 192
Adrenergic receptor rectum lizard 68
Adrenergic receptor steroid cAMP hypothalamus 322
Adrenergic receptor uterus vasculature 1586
Adrenoceptor alpha aging dilitiazem artery noradrenaline 1398
Adrenoceptor alpha heart sympathetic stimulation 1199
Adrenoceptor alpha smooth muscle vein 1067
Adrenoceptor alpha 2 vein intracellular calcium 1086
Adrenoceptor beta2 myometrium RU 486 1051
Adrenoceptor ethanol toxicity heart 240
Adrenoceptor norepinephrine uterus vasculature 1586 Adrenergic opioid analgesia serotonergic 975 Adrenoceptor norepinephrine uterus vasculature 1586 Adriamycin heart failure protein formation 197 Agama rectum sympathomimetic 68 Aganglionosis intestine cholinergic neurotransmission 1240 Age anisotropy human thoracic aorta 871
Age botulin toxin neuromuscular blockade toxicity 879
Agelas agelasimine antitumor muscle contraction 276 Agelas agelasimine antitumor muscle contraction 276
Agelasimine Agelas antitumor nuscle contraction 276
Aging alpha adrenoceptor diltiazem artery noradrenaline 1398
Aging midazolam brain hippocampus 359
Ah receptor spleen species 594
AHN 086 benzodiazepine receptor atrium ileum 126
Airway epithelium ion channel cystic fibrosis 1362 Airway epithenum ion channel cystic infrosis 1302
Airway rapidly adapting receptor histamine 1499
Albuterol chicken intestine ATPase energy metab 431
Alc blood gas acid base fetus 686
Alc dehydrogenase pregnancy ethanol 601
Alc metab liver circulation 728 Alc toxicity heart adrenceptor 240
Alc toxicity stomach mast cell stabilizer 287
Alc uptake liver circulation model 1225
Aldehyde dehydrogenase pregnancy ethanol 601
Alpha adrenergic blocker antihypertensive propranolol 83 Alpha adrenergic blocker antihypertensive propranolol 83
Alpha adrenoceptor aging diltiazem artery noradrenaline 1398
Alpha adrenoceptor heart sympathetic stimulation 1199
Alpha adrenoceptor smooth muscle vein 1067
Alpha 1 adrenoceptor artery heart failure 110
Alpha2 adrenoceptor vein intracellular calcium 1086
Alzheimer disease brain histamine histidine 75
Amino acid blood pig feed protein 1409
Aminopyridine neuromuscular junction transmitter 1045
Ammonia adrenal denervation sheep 1062
Ammonia newborn protein metab 624
Ammonium formation glutamine kidney ATP 641
Amphibian GABA receptor spinal root 682 Amphibian GABA receptor spinal root 682

Amphibian peptidoleukotriene lung metab 309 Amrinone diltiazem cardiovascular system 1092 Amylase release pancreas phospholipase A2 411 Analgesia opioid adrenergic serotoninergic review 975 Anaphylaxis intestinal postprandial motility rat 1326 Anaphylaxis protein food intestine motility 1437 Anesthesia paraoxon anticholinesterase ventillation rhythmogenesis 162
Aneurysm cerebral model canine tail artery 34
Angiotensin atriopeptin baroreceptor sensitivity hypertension 675
Angiotensin blood pressure cirrh-sis sodium 1506
Angiotensin receptor brain tryptophan hypertension 656
Angiotensin receptor vascular hypertension review 1118
Angiotensin water transport skin atriopeptin 362
Anhydrase carbonic isoform muscle contractility 645
Animal metab hormone exercise caffeine 10
Anisotropy age human thoracic aorta 871
Anovis hippocampus peuron hyperpolarization calcium notassium Anoxia hippocampus neuron hyperpolarization calcium potassium Anrep effect intrinsic myocardial mechanism correction 172
Antibody hypertensive factor 1580
Anticholinesterase paraoxon ventillation rhythmogenesis anesthesia Antidote HI 6 organophosphorus poisoning review 1183 Antihypertensive alpha adrenergic blocker propranolol 83 Antitumor agelasimine Agelas 276 Antitussive methylaspartate antagonist 561 Antrum motility cholecystokinin mechanism 1205 Aorta baroreceptor vasopressin atriopeptin release 344
Aorta human thoracic anisotropy age 871
Aorta norepinephrine insulin hypoglycemia 499
Appetite GABA muscimol pentobarbital glutamate 5
Arrhythmia elec stimulation heart rat 472
Arrhythmia boart directin and genous onicid 957 Arrhythmia heart digoxin endogenous opioid 857 Arrhythmia heart disopyramide potassium sodium channel 710 Arrhythmia heart ischemia reperfusion prostaglandin 772 Arrhythmia heart ischemia reperfusion prostaglandin 772
Arrhythmia heart ischemia reperfusion quinacrine 929
Arrhythmia heart resistance calcium hypoxia 263
Arrhythmia heart sotalol tetrodotoxin lidocaine nicorandil 1463
Arteriole pial hypoxia ouabain 423
Artery alpha 1 adrenoceptor heart failure 110
Artery canine tail cerebral aneurysm model 34
Artery hepatic blood flow adenosine hemorrhage 1023
Artery noradrenaline diltiazem aging alpha adrenoceptor 1398
Artery norepinephrine nerve constriction glucagon 1418
Artery relaxation atriopeptin monkey 326
Artery assonessin recentor hypertension rat 232 Artery vasopressin receptor hypertension rat 232 Asthma leukotriene platelet activating factor 483
Atherosclerosis diet endothelium dependent relaxant factor 1454
ATP kidney ammonium formation glutamine 641
ATP vascular neuroeffector hypertension review 1146 ATP ase heart contraction gramicidin S 546
ATPase intestine chicken albuterol 431
Atrial natriuretic peptide artery vein 326
Atrial tissue reentry conduction inhibition 757
Atriopeptin angiotensin water transport skin 362 Atriopeptin angiotensin water transport skin 362
Atriopeptin artery vein relaxation monkey 326
Atriopeptin baroreceptor sensitivity hypertension angiotensin 675
Atriopeptin blood brain barrier 637
Atriopeptin blood vol 344
Atriopeptin guanylate cyclase cGMP review 1124
Atriopeptin placenta barrier 1
Atriopeptin receptor vascular hypertension review 1118
Atriopeptin secretion heart endocardium 1365
Atriopeptin secretion heart endocardium 1101 Atriopeptin sympathetic vasoconstriction 1101 Atriopeptin trachea relaxation 1213 Attrioventricular nodal functional property rabbit 722 Attrium contraction U46619 phosphoinositide 943 Atrium heart adenosine 294 Atrium ileum contraction benzodiazepine receptor ligand 126 Atropine phentolamine propranolol coronary vasculature gradient Autonomic action cocaine review 1168 AVP plasma baroreceptor 1386

AVP spinal cardiovascular systems 269
Axon conduction inhibition nicardipine 1493
Axon myelinated GABA spinal amphibian 682
Bacitracin nitrendipine binding brain heart 1591
Baroreceptor aorta vasopressin atriopeptin release 344
Baroreceptor AVP plasma 1386
Baroreceptor sensitivity atriopeptin angiotensin hypertension 675
Baroreceptor sinoaortic hypertension salt central noradrenergic 450
Baroreceptor sinoatrial hypertension salt noradrenergic peripheral
442 Bay k 8644 enantiomer heart contraction 788
Behavior locomotor procholecystokinin fragment 223
Benzoate glycine conjugation hyperammonemia 1426
Benzodiazepine receptor ligand atrium ileum contraction 5126 Beta2 adrenoceptor myometrium RU 486 1051 BHT 920 saphenous vein calcium 1086 Bicarbonate pH hippocampus neuron stimulation 577 Biliary cirrhosis portal hypertension sympathetic neurotransmission Bird embryo lung hypoxia hyperoxia 515
Bird heart pacemaker mechanism mammal 795
Bird progesterone ovary protein kinase 122
Bleeding disorder prostacyclin thromboxane review 922
Blood amino acid pig feed protein 1409
Blood havis haviing stripperitie 627 Blood brain barrier atriopeptin 637 Blood flow hepatic artery adenosine hemorrhage 1023 Blood gas acid base fetus ethanol 686 Blood plasma vascular contraction factor hypertension 1272 Blood pressure angiotensin cirrhosis sodium 1506
Blood pressure high peptidergic neurogenic control 1115
Blood pressure hypertensive factor antibody 1580
Blood pressure intrathecal vasopressin 269
Blood pressure morphine 213 Blood pressure morphine 213
Blood pressure vol vasopressin 1386
Blood protein surfactant respiratory distress syndrome 663
Blood sugar dietary fiber 1265
Blood sugar exercise epinephrine 192
Blood vessel prorenin prodn activation 59
Blood vessel prorenin prodn activation 59
Blood vessel viP receptor interaction 851
Blood vol atriopeptin vasopressin release 344
Body temp endotoxin 1011
Bombesin gastrin stomach 1520 Bombesin gastrin stomach 1520 Botulin toxin neuromuscular blockade toxicity age 879 Brain ACTH receptor 568 Brain angiotensin receptor tryptophan hypertension 656 Brain blood barrier atriopeptin 637 Brain brown acroice binding opioid receptor 1336
Brain catecholamine metab fentanyl clonidine 532
Brain hippocampus midazolam aging 359
Brain histamine histidine Alzheimer disease 75 Brain ischemia pH neuron stimulation 577
Brain ischemia TRH analog 1345
Brain metab renal nerve circulation 1130
Brain nitrendipine binding bacitracin 1591
Brain striatum dopamine receptor hypertension 1596 Brain visual cortex neurotransmission catecholamine 615 Brain V9M sedation 223 Brainstem metab renal nerve circulation 1130 Brainstem metab renal nerve circulation 1130
Breathing cadmium 1243
Bremazocine binding brain opioid receptor 1336
Bronchodilator glucocorticoid 1442
Brown adipose noradrenaline metab starvation 106
Brown adipose thermogenesis review 811
Brown adipose tissue liver rat thermogenesis 376
Brown adipose tissue obesity gold thioglucose 116
Brown adipose uncoupling protein mRNA newborn 54
Brown adipose uncoupling protein mRNA newborn 54
Brown adipose uncoupling protein swine 1480
Cadmium breathing 1243
Caffeine calcium release sarcoplasmic reticulum contraction 890
Caffeine exercise animal metab hormone 10
Caffeine heart hypertrophy elec activity calcium 1471
Caffeine heypercalciuria purinergic receptor 1278
Calcium channel benzodiazepine receptor atrium ileum 126
Calcium channel heart PAF 669
Calcium channel nerve retina 506
Calcium channel opioid muscle contraction potassium 435
Calcium channel opioid muscle contraction potassium 435
Calcium channel peptide vasoconstrictor 1252
Calcium current muscle Xenopus embryo 1259
Calcium diabetes cardiomyopathy glybtride sulfonylurea 1431
Calcium heart catecholamine hypertrophy force interval 40
Calcium heart pacemaker bird mammal 795
Calcium heart pacemaker bird mammal 795
Calcium heart resistance hypoxia arrhythmia 263 Breathing cadmium 1243

Calcium influx muscle epinephrine 1574 Calcium intracellular vein alpha2 adrenoceptor 1086 Calcium potassium anoxia hippocampus neuron hyperpolarization Calcium release caffeine sarcoplasmic reticulum contraction 890 Calcium sodium exchange heart contraction 1525 Calcium transport inhibitor protein heart 999 Calcium uptake hypertensive factor antibody 1580 Calcium urine adenosine antagonism methylxanthine 1278 cAMP heart development chicken isoproterenol 1109 cAMP hypothalamus estrogen progesterone 322 cAMP pituitary somatotroph diabetes mellitus 1321 cAMP progesterone protein kinase bird 122 Canine esophageal sphincter stimulus pacemaker activity 1331 Canine tail artery cerebral aneurysm model 34
Carbachol morphine cGMP organ development 1283
Carbamazepine metab erythromycin interaction 582
Carbon dioxide newborn protein metab 624 Carbonic anhydrase isoform muscle contractility 645 Cardiomyopathy diabetes glyburide sulfonylurea calcium 1431 Cardionatrin electrolyte transport skin angiotensin 362 Cardiovascular isoatriopeptin 1372 Cardiovascular system amrinone diltiazem 1092 Cardiovascular system vasopressin intrathecal 269
Carnitine blood insulin exercise 1598
Casein digestion pig blood 1409
Catecholamine halothane ventricle fibrillation yagus nerve 801 Catecholamine halothane ventricle fibriliation vagus nerve catecholamine hypertrophy heart force interval calcium 40 Catecholamine metab brain fentanyl clonidine 532 Catecholamine neurotransmission brain visual cortex 615 Cell membrane superoxide corpus luteum enzyme 465 Central noradrenergic salt hypertension Dahl rat 450 Cerebral aneurysm model canine tail artery 34 Cervix myometrium innervation rabbit 837 cGMP carbachol morphine organ development 1283 cGMP guanylate cyclase atriopeptin review 1124 cGMP smooth muscle relaxation review 251 Channel acetylcholine receptor muscle curare 152 Channel calcium benzodiazepine receptor atrium ileum 126 Channel calcium peptide vasoconstrictor 1252 Channel potassium skin fibroblast 1300 Chicken albuterol intestine ATPase energy metab 431
Chicken heart development cAMP isoproterenol 1109
Chloride channel airway epithelium cystic fibrosis 1362
Chlorobiphenyl uroporphyrinogen decarboxylase hepatocyte 246
Cholecystokinin digestive tract motility mechanism 1205 Cholecystokinin pancreas secretion 1391 Cholesterol fish oil diet intestine galactose 829 Cholinergic neurotransmission aganglionosis intestine 1240 Cholinergic neurotransmission intestinal 1074 Chronotropism heart isoproterenol diabetes insulin 519 Circulation brain metab renal nerve 1130
Circulation liver ethanol metab 728
Circulation lung newborn PGD2 LTD4 587
Circulation pulmonary exercise normoxia hypoxia sheep 202
Circulation stomach misoprostol 353 Circulatory shock hyperbaric oxygen therapy 1033 Cirrhosis angiotensin blood pressure sodium 1506 Cirrhosis portal hypertension clonidine propranolol 1369 Clonidine fentanyl catecholamine metab brain 532 Clonidine propranolol portal hypertension cirrhosis 1369 Cocaine addiction review 1158 Cocaine autonomic action review 1168 Cocaine endocrine neurochem action review 1177 Cocaine pharmacokinetics biotransformation review 1154 Cocaine research frontiers 1153 Cold glucose review 382

Colon motility cholecystokinin mechanism 1205

Conduction inhibition reentry atrial tissue 757

Conduction Purkinje fiber sequential pacing 650

Conjunctivitis MK 571 LTD4 receptor antagonist 845

Coronary vasculature gradient propranolol phentolamine atropine Corpus luteum regression membrane review 957 Corpus luteum superoxide cell membrane enzyme 465 Correction Anrep effect intrinsic myocardial mechanism 172 Corticosteroid kidney distal nephron acidification 607 Crayfish neuromuscular junction synaptic restructure facilitation Curare acetylcholine receptor channel muscle 152
Current calcium muscle Xenopus embryo 1259
Cyclase guanylate cGMP atriopeptin review 1124
Cycle freguency work rat diaphragm muscle 1294
Cystic fibrosis ion channel airway epithelium 1362
Cytochrome P 450 ductus arteriosus contraction 1448
Dahl rat noradrenergic peripheral hypertension salt 442

Dahl rat salt hypertension central noradrenergic 450 Dantrolene hippocampus neuron hyperpolarization anoxia 1602 Decarboxylase uroporphyrinogen hepatocyte chlorobiphenyl pheno-barbital 246 Dehydrogenase alc aldehyde pregnancy ethanol 601 Deiodinase thyroxine brown adipose tissue obesity 116 Development carbachol morphine cGMP organ 1283 Development heart chicken cAMP isoproterenol 1109

Development heart contraction adrenergic receptor 883 Development seizure kainate pentylenetetrazole rat 1357 Dextromethorphan methylaspartate antagonist 561
Dextrorphan methylaspartate antagonist 561
Diabetes cardiomyopathy glyburide sulfonylurea calcium 1431
Diabetes energy balance review 382
Diabetes heart chronotropism isoproterenol insulin 519
Diabetes heart chronotropism isoproterenol insulin 519

Diabetes heart chronotropism isoproterenol insulin 519
Diabetes heart function insulin glycemia 629
Diabetes mellitus pituitary somatotroph cAMP phorbol 1321
Diabetes mellitus pituitary somatotroph hormone sensitivity 1315
Diaphragm muscle rat cycle freguency work 1294
Dibromoethane metab oxothiazolidinecarboxylate 207
Diet atherosclerosis endothelium dependent relaxant factor 1454
Diet glucose review 382

Dietary fiber glycemia insulinemia 1265

Dietary fiber glycemia insulinemia 1265
Digestion casein rapeseed protein pig blood 1409
Digestive tract function dietary fiber 1265
Digestive tract motility cholecystokinin mechanism 1205
Digoxin heart arrhythmia endogenous opioid 857
Dihydropyridine enantiomer calcium channel neural retina 506
Diltiazem amrinone cardiovascular system 1092
Diltiazem arrery noradrenaline aging alpha adrenoceptor 1398
Diltiazem heart ischemia tachycardia lidocaine 697
Disopyramide heart arrhythmia potassium sodium channel 710
Disulfide bond VIP receptor interaction 851
Diversis opioid agonist adrenal medulla 1219

Diuresis opioid agonist adrenal medulla 1219 DOCA salt hypertension sympathetic neurotransmission review

1140

Domoate neurotoxicity hippocampus kainate receptor 29 Domoate toxicity hippocampus mossy fiber 904 Dopamine receptor brain striatum hypertension 1596 Dorsal raphe nucleus serotonin receptor antagonist 98 Double labeled water review biol 1190

DPI 201106 heart inotropy species 1460

Dresel Peter tribute 691
Drug metabolizing enzyme liver zonation 1015
Ductus arteriosus contraction oxygen P 450 1448
Ductus arteriosus endothelin 902

Ductus arteriosus endothelin 902

Bel metab hydrostatic pressure 1247

EGF stomach mucosa sialoadenectomy 1512

Eicosanoid heart disease 911

Bicosanoid heart ischemia review 912

Elec activity heart acetate hypoxia 734

Elec activity heart acetate hypoxia 734

Elec stimulation arrhythmia heart rat 472

Electrolyte transport skin angiotensin cardionatrin 362

Embryo insulin response glucose 1288

Embryo lung hypoxia hyperoxia bird 515

Tabryo Xenopus muscle calcium current 1259

Enantiomer dihydropyridine calcium channel neural retina 506

Enantioselective biotransformation isoidide dinitrate vasodilation 1403

Encainide metabolite heart Purkinje fiber infarction 751

Endocardium heart atriopeptin secretion 1365 Endocrine action cocaine review 1177 Endogenous opioid heart arrhythmia digoxin 857

Endothelin ductus arteriosus 902

Endothelium dependent relaxant factor atherosclerosis diet 1454

Endothelium prostacyclin neurokinin receptor 159
Endotoxin body temp metab rate 1011
Energetics pregnancy lactation review 370
Energy balance diabetes review 382
Energy balance regulation thermogenesis 369
Energy balance

Energy balance regulation thermogenesis 369
Energy balance thermogenesis exercise 402
Energy balance thermogenesis regulation obesity 394
Energy metab chicken albuterol 431
Energy metab detn review 1190
Energy metab diet fat 994
Enprostil radioprotection intestine transport 1351
Enteral feeding insulin receptor GIP 1105
Enzyme drug metabolizing fiver zonation 1015
Enzyme superoxide corpus luteum cell membrane 465
Enzienehrine blood susar exercise 192

Epinephrine blood sugar exercise 192
Epinephrine muscle calcium influx 1574
Epinephrine vasopressin lung fluid fetus 491
Erythrocyte glyceryl trinitrate metab pulmonary vein 417
Erythrocyte haloperidol reductase 1468
Erythrocyte peptide vasoconstrictor calcium channel 1252

Erythromycin interaction carbamazepine metab 582

Erythromycin interaction carbamazepine metab 582
Esophageal sphincter canine stimulus pacemaker activity 1331
Estrogen LH surge LHRH pituitary 135
Estrogen progesterone cAMP hypothalamus 322
Ethanol alc aldehyde dehydrogenase pregnancy 601
Ethanol blood gas acid base fetus .586
Ethanol metab liver circulation 728
Ethanol toxicity heart adrenoceptor 240
Ethanol toxicity stomach mast cell stabilizer 287
Ethanol toxicity stomach mast cell stabilizer 287
Ethanol toxicity acceptability model 1225 Ethanol uptake liver circulation model 1225

Ethylene oxide metab oxothiazolidinecarboxylate 207 Evolution receptor leukotriene lung 309 Exchange calcium sodium heart contraction 1525 Exercise caffeine animal metab hormone 10

Exercise caffeine animal metab hormone 10
Exercise carnitine blood insulin 1598
Exercise glucose review 382
Exercise glucose review 382
Exercise growth inhibition rat Morris hepatoma 864
Exercise muscle metab adrenergic receptor 192
Exercise thermogenesis energy balance 402
Fat diet energy metab 994
Fat diet intestine absorption review 179
Feeding prolonged insulin receptor GIP 1105
Fentanyl clonidine catecholamine metab brain 532
Fetus alc aldehyde dehydrogenase ethanol 601
Fetus lung fluid epinephrine vasopressin 491
Fetus P 450 ductus arteriosus contraction 1448
Fiber Purkinje conduction sequential pacing 650

Fiber Purkinje conduction sequential pacing 650 Fibrillation ventricle catecholamine halothane vagus nerve 801 Fibroblast potassium channel skin 1300

Fibrosis cystic ion channel airway epithelium 1362 Fish oil diet cholesterol intestine galactose 829

Follicular development regression ovary 953 Food protein anaphylaxis intestine motility 1437 Food temp effect organ tissue piglet 526 Forebrain metab renal nerve circulation 1130

FPL 57231 lung trachea contraction 483 FSH LHRH LH surge estrogen 135 FSH release endogenous opioid 1486 G protein acetylcholine sinoatrial node 522

GABA appetite 5 GABA receptor spinal root amphibian 682 GABA sciatic nerve potassium 1308 Galactose intestine fish oil diet cholesterol 829

Gas blood fetus ethanol 686

Gas perfusion heart storage transplant 692 Gastric ion flux circulation PGE1 353
Gastrin stomach bombesin 1520
Gene lipoprotein receptor expression review 968

GIP insulin receptor prolonged feeding 1105 Glucagon sympathetic vasoconstriction 1418 Glucocorticoid bronchodilator 1442 Glucocorticosteroid urine acidification 607

Glucose cold exercise diet review 382 Glucose insulin response ontogeny 1288

Glutamate appetite 5 Glutamine ammonium formation kidney ATP 641 Glyburide diabetes cardiomyopathy calcium 1431

Glycemia dietary fiber 1265 Glycemia heart function diabetes insulin 629

Glyceryl trinitrate metab erythrocyte pulmonary vein Glycine benzoate conjugation hyperammonemia 1426 Glycogen metab muscle exercise adrenoceptor 192 Glycogenesis muscle perfused hindquarter 1450

Glyoxylate liver kidney benzoate hyperammonemia 1426 Gold thioglucose obesity brown adipose tissue 116 Gonadotropin release endogenous opioid 1486 Gonadotropin release hormone inhibitor ovary review 954

Gramicidin S heart contraction ATPase 546
Growth hormone releasing hormone pituitary diabetes 1315
Growth inhibition exercise rat Morris hepatoma 864
GTP VIP receptor interaction 351
Guanylate cyclase cGMP atriopeptin review 1124

Guanylate cyclase cGMP atriopeptin review 1124
Guinea pig rat ventricular myocyte property 740
H series oxime organophosphorus poisoning review 1183
Haloperidol reductase erythrocyte 1468
Halothane catecholamine ventricle fibrillation vagus nerve 801
Heart arrhythmia digoxin endogenous opioid 857
Heart arrhythmia disopyramide potassium sodium channel 710
Heart arrhythmia ischemia reperfusion norepinephrine 765
Heart arrhythmia ischemia reperfusion prostaglandin 772
Heart arrhythmia ischemia reperfusion quinacrine 929
Heart arrhythmia sodalol tetrodotoxin lidocaine nicorandil 1463
Heart atrium ventricle adenosine 294
Heart catecholamine hypertrophy force interval calcium 40

Heart chronotropism isoproterenol diabetes insulin 519
Heart contractility elec activity acetate hypoxia 734
Heart contraction adrenergic receptor development 883
Heart contraction ATPase gramicidin S 546
Heart contraction Bay k 8644 enantiomer 788
Heart contraction calcium sodium exchange 1525 Heart contraction thromboxane receptor phosphoinositide 943
Heart development chicken cAMP isoproterenol 1109
Heart diastolic function hypothyroidism 1007
Heart disease eicosanoid 911 Heart elec stimulation arrhythmia rat 472 Heart elec stimulation arrhythmia rat 472
Heart endocardium atriopeptin secretion 1365
Heart ethanol toxicity adrenoceptor 240
Heart failure alpha 1 adrenoceptor artery 110
Heart failure protein formation adriamycin 197
Heart function diabetes insulin glycemia 629
Heart function oxygen radical 1549
Heart hypertrophy elec activity calcium caffeine 1471
Heart inotropy DPI 201106 species 1460
Heart ischemia ecosanoid review 912
Heart schemia reperfusion mitrochondria translocese p Heart ischemia reperfusion mitochondria translocase phosphoryla= tion 704 Heart ischemia tachycardia diltiazem lidocaine 697 Heart lung cGMP development receptor 1283 Heart nitrendipine binding bacitracin 1591 Heart moradrenaline metab starvation 106 Heart pacemaker mechanism bird mammal 795 Heart platelet activating factor 669 Heart preservation hypothermia oxygen perfusion 692 Heart Purkinje fiber infarction encainide metabolite 751 Heart rate intrathecal vasopressin 269 Heart rate morphine 213 Heart rate morphine 213
Heart resistance calcium hypoxia arrhythmia 263
Heart sarcoplasmic reticulum calcium flux 999
Heart sinus node acetylcholine propranolol verapamil 1232
Heart sympathetic stimulation alpha adrenoceptor 1199
Hemorrhage adenosine hepatic artery blood flow 1023
Hepatic artery blood flow adenosine hemorrhage 1023
Hepatocyte uroporphyrinogen decarboxylase chlorobiphenyl phenobarbital 246
Hepatoma Morris exercise growth inhibition rat 864 Hepatoma Morris exercise growth inhibition rat 864
HI 6 antidote organophosphorus poisoning review 1183
High blood pressure peptidergic neurogenic control 1115
High energy phosphate function oxygen radical 1549
Hippocampus domoate toxicity mossy fiber 904
Hippocampus midagolam aging 359 Hippocampus midazolam aging 359
Hippocampus muscarinic nicotinic facilitation serotonin 47
Hippocampus neuron hyperpolarization anoxia calcium potassium Hippocampus neuron stimulation pH shift 577 Histamine brain histidine Alzheimer disease 75 Histamine rapidly adapting airway receptor 1499 Histidine brain histamine Alzheimer disease 75 Hormone animal metab exercise caffeine 10
Human thoracic aorta anisotropy age 871
Hydrogen ion pH hippocampus neuron stimulation 577
Hydrostatic pressure eel metab 1247 Hyperammonemia adrenal denervation sheep 1062 Hyperammonemia benzoate glycine conjugation 1426
Hyperamcionemia benzoate glycine conjugation 1426
Hyperaclicuria caffeine purinergic receptor 1278
Hyperaclicuria caffeine purinergic receptor 1278
Hyperglycemia heart function diabetes 629 Hyperoxia lung embryo bird 515 Hyperoxia lung embryo bird 515 Hyperpolarization hippocampus neuron anoxia calcium potassium 1602 Hypertension angiotonsin atriopeptin baroreceptor sensitivity 675
Hypertension blood plasma vascular contraction factor 1272
Hypertension decrease tryptophan 656
Hypertension DOCA salt sympathetic neurotransmission review Hypertension dopamine receptor brain striatum 1596 Hypertension portal cirrhosis clonidine propranolol 1369 Hypertension salt central noradrenergic Dahl rat 450 Hypertension salt noradrenergic peripheral Dahl rat 442 Hypertension vascular neuroeffector noradrenaline ATP review Hypertension vasoactive agent receptor review 1118
Hypertension vasopressin receptor artery rat 232
Hypertensive factor antibody 1580
Hypertrophy heart catecholamine force interval calcium 40
Hypertrophy heart elec activity calcium caffeine 1471
Hypoglycemia insulin norepinephrine adrenal aorta 499
Hypothalamus cAMP estrogen progesterone 322
Hypothalamus opiatergic system polycystic ovary 896
Hypothermia heart preservation oxygen perfusion 692

Hypothyroidism heart diastolic function 1007 Hypoxia heart contractility elec activity acetate 734 Hypoxia heart resistance calcium arrhythmia 263 Hypoxia lung embryo bird 515 Hypoxia man physiol response 173 Hypoxia mormoxia sheep pulmonary circulation exercise 202 Hypoxia pial arteriole ouabain 423 Ileum atrium contraction benzodiazepine receptor ligand 126 Ileum contraction muscarinic ion transport 331 Immunopharmacol review 537 Impotence penis smooth muscle relaxation nitrovasodilator 78 Indomethacin stomach peristalsis mucosa injury neomycin 1029 Indorenate putative antagonist serotonin receptor 98
Infarction heart Purkinje fiber encainide metabolite 751
Inhibition reentry conduction atrial tissue 757
Innervation rabbit myometrium cervix 837 Inositol trisphosphate artery vasopressin receptor hypertension 232 Inotropy heart DPI 201106 species 1460 Insulin blood dietary fiber 1265 Insulin carnitine blood exercise 1598 Insulin diabetes heart chronotropism isoproterenol 519 Insulin heart function diabetes glycemia 629
Insulin heart function diabetes glycemia 629
Insulin heart function diabetes glycemia 629
Insulin receptor prolonged feeding GIP 1105
Insulin response glucose ontogeny 1288
Insulinemia dietary fiber 1265
Insulinemia dietary fiber 1265 Intestinal anaphylaxis postprandial motility rat 1326
Intestinal motility Yersinia enterocolitica enteritis rabbit 553
Intestinal neurotransmission cholinergic opioid noncholinergic 1074 Intestina neurotransmission cholinergic opioid noncholiner Intestine aganglionosis cholinergic neurotransmission 1240 Intestine ATPase energy metab chicken albuterol 431 Intestine galactose fish oil diet cholesterol 829 Intestine lactate isomer metab 1540 Intestine lipid absorption review 179 Intestine motility food protein anaphylaxis 1437 Intestine muscarinic serotoninergic receptor trout 477 Intestine segment metility neurotransip 1534 Intestine segment motility neurotensin 1534 Intestine transport radioprotection enprostil 1351 Ion flux stomach misoprostol 353 Ion transport muscarinic ileum contraction 331 Ischemia brain pH neuron stimulation 577
Ischemia brain TRH analog 1345
Ischemia heart arrhythmia reperfusion norepinephrine 765
Ischemia heart eicosanoid review 912 Ischemia heart reperfusion mitochondria translocase phosphorylation Ischemia heart tachycardia diltiazem lidocaine 697
Ischemia reperfusion heart arrhythmia prostaglandin 772
Ischemia reperfusion heart arrhythmia quinacrine 929
Isoatriopeptin cardiovascular kidney 1372
Ischemia reperfusion heart arrhythmia quinacrine 929
Isoatriopeptin cardiovascular kidney 1372 Isoidide dinitrate vasodilation enantioselective biotransformation 1403 Isoproterenol cAMP heart development chicken 1109 Isoproterenol heart chronotropism diabetes insulin 519 Isoproterenol traches glucocorticoid 1442
Isotope indicator newborn protein metab 624
Jejunum motility cholecystokinin mechanism 1205
Kainate seizure pentylenetetrazole development rat 1357
Kappa agonist diureis adrenal medulla 1219 Kappa receptor subtype brain 1336
Ketamine methylaspartate antagonist 561
Kidney ammonium formation glutamine ATP 641
Kidney cortical tubule metab valproate 88 Kidney distal nephron acidification corticosteroid 607 Kidney glycine benzoate conjugation hyperammonemia 1426 Kidney isoatriopeptin 1372 Kidney platelet activating factor thromboxane endoperoxide 304 Kidney serine formation diet 1058 Kinase protein progesterone ovary bird 122 L 649923 lung trachea contraction 483 L 652731 lung trachea contraction 483 L 660711 leukotriene D4 receptor antagonist 17 L 663536 leukotriene formation leukocyte 456 670596 pharmacol thromboxane prostaglandin antagonist 989 Lactate isomer metab tenia cecum 1540
Lactation thermogenesis energetics review 370
Leukocyte leukotriene formation L 663536 456 Leukotriene D4 receptor antagonist MK 571 17 Leukotriene formation leukocyte L 663536 456 Leukotriene platelet activating factor asthma 483 Leukotriene receptor lung evolution 309 Levorphanol methylaspartate antagonist 561 LH progesterone protein kinase bird 122 LH release endogenous opioid 1486 LH surge estrogen LHRH pituitary 135 LHRH binding inhibitor ovary review 954

LHRH ovary review 962 LHRH pituitary estrogen LH surge 135 Lidocaine heart arrhythmia sotalol 1463 Lidocaine heart ischemia tachycardia diltiazem 697 Lipid absorption intestine review 179 Lipid peroxide heart oxygen radical 1549 Lipid peroxide heart oxygen radical 1549
Lipoprotein receptor gene expression review 968
Lipoxygenase pathway biochem neutrophil review 936
Liver ATPase energy metab chicken albuterol 431
Liver brown adipose tissue rat thermogenesis 376
Liver circulation ethanol metab 728
Liver circulation ethanol uptake model 1225
Liver glycine benzoate conjugation hyperammonemia 1426
Liver microsome carbamazepine metab erythromycin 582
Liver zonation drug metabolizing enzyme 1015
Lizard rectum sympathomimetic 68
Locomotor behavior procholecystokinin fragment 223 Lizard rectum sympathomimetic 68
Locomotor behavior procholecystokinin fragment 223
LTD4 lung circulation newborn 587
LTD4 metab lung amphibian 309
LTD4 platelet activating factor lung muscle 315
LTD4 receptor antagonist MK 571 conjunctivitis 845
Lung circulation newborn PGD2 LTD4 587
Lung embryo hypoxia hyperoxia bird 515
Lung fluid fetus epinephrine vasopressin 491
Lung heart cGMP development receptor 1283
Lung metab peptidoleukotriene amphibian 309
Lung muscle LTD4 platelet activating factor 315
Lung stretch receptor histamine 1499
Lung trachea contraction L 649923 483
Luteolysis PGF2 membrane review 957 Luteolysis PGF2 membrane review 957 LY 163443 lung trachea contraction 483 Lysophosphatidylcholine heart 669 Man hypoxia physiol response 173 Mast cell stabilizer ethanol toxicity stomach 287 Membrane cell superoxide corpus luteum enzyme 465
Membrane PGF2 luteolysis review 957
Memory procholecystokinin fragment 228
Metab eel hydrostatic pressure 1247
Metab rate endotoxin 1011 Methacholine antihypertensive propranolol 83
Methotholine antihypertensive propranolol 83
Methothepin putative antagonist serotonin receptor 98
Methylaspartate antagonist antitussive 561
Methylxanthine adenosine antagonism calcium urine 1278
Microsome liver carbamazepine metab erythromycin 582 Midazolam brain hippocampus aging 359 Milk feeding newborn protein metab 282 Mineralocorticosteroid urine acidification 607 Misoprostol stomach ion flux circulation 353 Mitochondria translocase heart ischemia reperfusion phosphorylation Mitochondria uncoupling protein adipose newborn 54 MK 571 leukotriene D4 receptor antagonist 17 MK 571 LTD4 receptor antagonist conjunctivitis 845 Model ethanol uptake liver circulation 1225 Model ethanol uptake liver circulation 1225
Monkey atriopeptin artery vein relaxation 326
Morphine blood pressure heart rate 213
Morphine carbachol cGMP organ development 1283
Morphine carbachol cGMP organ development 1283
Morris hepatoma exercise growth inhibition rat 864
Mossy fiber domoate toxicity hippocampus 904
Motility postprandial intestinal anaphylaxis rat 1326
Mouse obesity thermogenesis brown adipose tissue 116
mRNA uncoupling protein brown adipose tissue 116
Muscarinic facilitation serotonin hippocampus 47
Muscarinic ileum contraction ion transport 331 Muscarinic ileum contraction ion transport 331 Muscarinic receptor development 1283 Muscarinic receptor intestine trout 477 Muscimol appetite 5 Muscle acetylcholine receptor channel curare 152 Muscle contractility carbonic anhydrase isoform 645 Muscle contraction agelasimine Agelas 276
Muscle contraction calcium caffeine 390
Muscle contraction potassium opioid calcium channel 435
Muscle epinephrine calcium influx 1574 Muscle glycogenesis perfused hindquarter 1450
Muscle glycogenesis perfused hindquarter 1450
Muscle metab exercise adrenergic receptor 192
Muscle rat diaphragm cycle freguency work 1294
Muscle smooth relaxation cGMP review 251
Muscle smooth vein alpha adrenoceptor 1067
Muscle smooth vein alpha adrenoceptor 1067 Muscle smooth vein alpha adrenoceptor 1067
Muscle toad sartorius fatigue recovery 1544
Muscle Xenopus embryo calcium current 1259
Myelinated axon GABA spinal amphibian 682
Myocyte ventricular property rat guinea pig 740
Myometrium beta2 adrenoceptor RU 486 1051
Myometrium cervix innervation rabbit 837
Neomycin indomethacin stomach peristalsis mucosa injury 1029
Nephron distal acidification corticosteroid 607

Nerve artery constriction glucagon 1418
Nerve axon conduction inhibition nicardipine acetylcholine 1493 Nerve peptidergic pyloric sphincter 1560 Nerve renal brain metab circulation 1130 Nerve retina calcium channel 506 Nerve sciatic GABA potassium 1308 Nerve vagus vasopressin atriopeptin release 344
Nerve vagus ventricle fibrillation catecholamine halothane 801
Neurochem action cocaine review 1177
Neurocffector vascular noradrenaline ATP hypertension review Neurogenic peptidergic control high blood pressure 1115 Neurokinin receptor prostacyclin endothelium 159 Neurol pyloric sphincter morphol 1560 Neuromuscular blockade botulin toxin age 879 Neuromuscular junction crayfish synaptic restructure facilitation Neuromuscular junction transmitter aminopyridine tetraethylammo= nium 1045 Neuromuscular transmission nicardipine 1493 Neuron hippocampus anoxia hyperpolarization calcium potassium Neuron stimulation hippocampus pH shift 577 Neurotensin intestine segment motility 1534 Neurotoxicity domoate hippocampus kainate receptor 29 Neurotransmission brain visual cortex catecholamine 615 Neurotransmission cholinergic aganglionosis intestine 1240 Neurotransmission intestinal cholinergic opioid noncholinergic Neurotransmission sympathetic DOCA salt hypertension review 1140 Neurotransmission sympathetic portal hypertension biliary cirrhosis 1369 Neurotransmitter release aminopyridine tetraethylammonium 1045 Neutrophil lipoxygenase pathway biochem review 936 Newborn feeding milk substitute protein metab 282 Newborn lung circulation PGD2 LTD4 587 Newborn protein metab urea ammonia 624 Newborn uncoupling protein mRNA brown adipose 54 Nicardipine nerve axon conduction inhibition acetylcholine 1493 Nicorandil heart arrhythmia sotalol 1463 Nicotinic facilitation serotonin hippocampus 47 Nitrate artery relaxation enantioselective biotransformation 1403 Nitrate aftery relaxation enantiosesective biotransformation 14
Nitrate org metab vasodilator 1381
Nitrendipine binding brain heart bacitracin 1591
Nitrogen metab premature newborn milk substitute 282
Nitroprusside antihypertensive propranolol 83
Nitrovasodilator penis smooth muscle relaxation impotence 78 NMR sodium detn tissue review 820 Noncholinergic neurotransmission intestinal 1074
Noncholinergic neurotransmission intestinal 1074
Noncholinergic review 975
Noradrenaline artery diltiazem aging alpha adrenoceptor 1398
Noradrenaline metab brown adipose starvation 106 Noradrenaline metab brown adipose starvation 106
Noradrenaline vascular neuroeffector hypertension review 1146
Noradrenergic central salt hypertension Dahl rat 450
Noradrenergic peripheral hypertension salt Dahl rat 442
Norepinephrine adrenal aorta insulin hypoglycemia 499
Norepinephrine artery constriction glucagon 1418
Norepinephrine heart arrhythmia ischemia reperfusion 765
Norepinephrine ovary steroid cAMP hypothalamus 322
Norepinephrine release heart PAF 669
Norepinephrine uterus vasculature adrenoceptor 1586
Norepinephrine was sheen pulmonary circulation exercise 202 Norepinephrine uterus vasculature adrenoceptor 1586
Normoxia hypoxia sheep pulmonary circulation exercise 202
Nucleotide adenine translocase heart ischemia contractility 704
Nucleus dorsal raphe serotonin receptor antagonist 98
Obesity gold thioglucose brown adipose tissue 116
Obesity thermogenesis regulation energy balance 394
Oil fish diet cholesterol intestine galactose 829 Ontogeny insulin response glucose 1288 Opiatergic system hypothalamus polycystic ovary 896 Opioid agonist diuresis adrenal medulla 1219 Opioid analgesia adrenaria medula 129
Opioid analgesia adrenergic serotoninergic review 975
Opioid endogenous gonadotropin release 1486
Opioid endogenous heart arrhythmia digoxin 857
Opioid muscle contraction potassium calcium channel 435
Opioid neurotransmission intestinal 1074 Opioid receptor brain bremazocine binding 1336 Opioid receptor brain bremazocine binding 1336
Opioid receptor development 1283
Org nitrate metab vasodilator 1381
Organ cGMP carbachol morphine development 1283
Organ stimulation respiration anesthetized rat 1097
Organ temp food effect piglet 526
Organophosphorus poisoning HI 6 antidote review 1183
Ouabain pial arteriole hypoxia 423
Ovary follicular development regression 953
Ovary gonadotropin release hormone inhibitor review 954

Ovary LHRH review 962
Ovary polycystic hypothalamus opiatergic system 896
Ovary progesterone protein kinase bird 122
Ovary steroid cAMP hypothalamus norepinephrine 322
Oxothiazolidinecarboxylate ethylene oxide dibromoeth trile metab 207 Oxygen ductus arteriosus contraction P 450 1448 Oxygen perfusion heart preservation hypothermia 692 Oxygen radical heart function 1549 Oxygen therapy hyperbaric circulatory shock 1033 Oxygen therapy hyperbanc circulatory shock 1033
P 450 ductus arteriosus contraction oxygen 1448
Pacemaker activity stimulus canine esophageal sphincter 1331
Pacemaker mechanism heart bird mammal 795
Pancreas amylase release phospholipase A2 411
Pancreas secretion cholecystokinin 1391
Paracoon anticholinesterase ventillation rhythmogenesis anesthesia Parenteral feeding insulin receptor GIP 1105 Pelanserine putative antagonist serotonin receptor 98 Penis smooth muscle relaxation nitrovasodilator impotence 78 Penis smooth muscle relaxation nitrovasodilator impotence Pentobarbital appetite 5
Pentylenetetrazole seizure kainate development rat 1357
Peptide erythrocyte vasoconstrictor calcium channel 1252
Peptidergic nerve pyloric sphincter 1560
Peptidergic neurogenic control high blood pressure 1115
Peptidoleukotriene lung metab amphibian 309
Perfusion oxygen heart preservation hypothermia 692
Peripheral noradrenergic hypertension salt Dahl rat 442
Peroxide lipid heart oxygen radical 1549
PGD2 lung circulation newborn 587
PGE1 gastric ion flux circulation 353
PGE2 stomach mucosa sialoadenectomy 1512
PGF2 luteolysis membrane review 957 PGF2 luteolysis membrane review 957 PH shift hippocampus neuron stimulation 577
Pharmacol immuno review 537
Phenobarbital uroporphyrinogen decarboxylase hepatocyte 246
Phentolamine atropine propranolol coronary vasculature gradient 140
Phorbol pituitary somatotroph diabetes mellitus 1321
Phosphate function oxygen radical 1549
Phosphoinositide thromboxane receptor heart contraction 943
Phospholipase A2 amylase release pancreas 411
Phosphorylation heart ischemia reperfusion mitochondria translocase 704
Physiol response hypoxia man 173
Pial arteriole hypoxia ouabain 423
Pig feed protein blood amino acid 1409
Piglet organ tissue temp food effect 526
Pituitary LHRH estrogen LH surge 135
Pituitary somatotroph diabetes mellitus cAMP phorbol 1321
Pituitary somatotroph hormone sensitivity diabetes mellitus 1315
Placenta barrier atriopeptin 1
Plasma AVP baroreceptor 1386 Placenta barrier atriopeptin 1
Plasma AVP baroreceptor 1386
Platelet activating factor detn superfusion bioassay 72
Platelet activating factor heart 669
Platelet activating factor kidney thromboxane endoperoxide 304
Platelet activating factor leukotriene asthma 483
Platelet activating factor LTD4 lung muscle 315
Pneumonectomy sheep pulmonary circulation 202
Poisoning organophosphorus HI 6 antidote review 1183
Polycystic ovary hypothalamus opiatergic system 896
Portal hypertension cirrhosis clonidine propranolol 1369
Postprandial motility intestinal anaphylaxis rat 1326
Potassium calcium anoxia hippocampus neuron hyperpolarization 1602 Potassium channel skin fibroblast 1300 Potassium GABA sciatic nerve 1308 Potassium heart pacemaker bird mammal 795 Potassium muscle contraction opioid calcium channel 435 Potassium sodium channel disopyramide heart arrhythmia 710 Potassium spinal root amphibian 682 Potassium spinal root amphibian 682
Potassium transport ileum muscarinic contraction 331
Pregnancy alc aldehyde dehydrogenase ethanol 601
Pregnancy blood gas acid base ethanol 686
Pregnancy thermogenesis energetics review 370
Pregnancy uterus beta2 adrenoceptor progesterone 1051
Premature newborn nitrogen metab milk substitute 282
Pressuration heart hypothermia oxygen perfusion 692
Pressure hydrostatic eel metab 1247
Proatriopeptin release heart tissue prepn 1365
Procholecystokinin fragment locomotor behavior 223
Procholecystokinin fragment memory 228

Procholecystokinin fragment memory 228
Progesterone estrogen cAMP hypothalamus 322
Progesterone ovary protein kinase bird 122
Progesterone uterus beta2 adrenoceptor pregnancy 1051
Propranolol antihypertensive alpha adrenergic blocker 83

Propranolol clonidine portal hypertension cirrhosis 1369 Propranolol heart sinus node 1232 Propranolol phentolamine atropine coronary vasculature gradient Propranolol putative antagonist serotonin receptor 98 Prorenin prodn activation vessel extrarenal 59
Prostacyclin neurokinin receptor endothelium 159
Prostacyclin thromboxane bleeding vascular disorder review 922
Prostaglandin antagonist L 670596 pharmacol 989
Prostaglandin endoperoxide kidney platelet activating factor 304
Prostaglandin heart arrhythmia ischemia reperfusion 772
Protein blood surfactant respiratory distress syndrome 663
Protein calcium transport inhibitor heart 999
Protein feed pig blood amino acid 1409
Protein formation heart failure adriamycin 197
Protein G acetylcholine sinoatrial node 522
Protein kinase progesterone ovary bird 122
Protein metab newborn feeding milk substitute 282
Protein metab newborn urea ammonia 624 Prorenin prodn activation vessel extrarenal 59 Protein metab newborn urea ammonia 624 Protein uncoupling mRNA brown adipose newborn 54 Protein uncoupling mr.NA brown adipose newborn 54
Protein uncoupling swine brown adipose 1480
Pulmonary circulation exercise normoxia hypoxia sheep 202
Pulmonary circulation exercise normoxia hypoxia sheep 202
Purinergic receptor heart atrium ventricle 294
Purinergic receptor hypercalciuria caffeine 1278
Purkinje fiber conduction sequential pacing 650
Purkinje fiber infarction encainide metabolite 751
Pyloric sphincter morphol neurol 1560
Pyridoxylata liver kidney hearcosta hypercampanenia 1426 Pyloric sphincter morphol neurol 1560
Pyridoxylate liver kidney benzoate hyperammonemia 1426
Quinacrine heart arrhythmia ischemia reperfusion 929
Rabbit atrioventricular nodal functional property 722
Rabbit innervation myometrium cervix 837
Rabbit innervation myometrium cervix 837
Rabbit intestinal motility Yersinia enterocolitica enteritis 553
Rabbit ventricle action potential mechanism change 780
Radioprotection intestine transport enprostil 1351
Rapeseed protein digestion pig blood 1409
Rat anesthetized organ stimulation respiration 1097
Rat Dahl noradrenergic peripheral hypertension salt 442
Rat Dahl salt hypertension central noradrenergic 450
Rat diaphragm muscle cycle freguency work 1294
Rat elec stimulation arrhythmia heart 472
Rat guinea pig ventricular myocyte property 740
Rat hypertension vasopressin receptor artery 232
Rat intestinal anaphylaxis postprandial motility 1326 Rat intestinal anaphylaxis postprandial motility 1326 Rat Morris hepatoma exercise growth inhibition 864 Rat seizure kainate pentylenetetrazole development 1357 Rat thermogenesis brown adipose tissue liver 376 Receptor acetylcholine channel muscle curare 152 Receptor ACTH brain 568 Receptor adrenergic muscle metab exercise 192 Receptor adrenergic steroid cAMP hypothalamus 322 Receptor adrenergic uterus vasculature 1586 Receptor angiotensin brain tryptophan hypertension 656 Receptor baro vasopressin plasma 1386
Receptor baro vasopressin plasma 1386
Receptor benzodiazepine ligand atrium ileum contraction 126
Receptor GABA spinal root amphibian 682
Receptor insulin prolonged feeding GIP 1105 Receptor Insulin Protoinged Technique GIF 1705
Receptor kainate hippocampus domoate neurotoxicity 29
Receptor leukotriene D4 MK 571 antagonist 17
Receptor leukotriene lung evolution 309
Receptor lipoprotein gene expression review 968
Receptor muscarinic ileum ion transport 331 Receptor muscarinic opioid development 1283
Receptor muscarinic serotoninergic intestine trout 477
Receptor neurokinin prostacyclin endothelium 159
Receptor opioid brain bremazocine binding 1336
Receptor purinergic heart atrium ventricle 294
Receptor purinergic heart atrium ventricle 294 Receptor purinergic hypercalciuria caffeine 1278
Receptor rapidly adapting airway histamine 1499
Receptor rapidly adapting airway histamine 1499
Receptor TCDD spleen species 594
Receptor thromboxane heart contraction phosphoinositide 943 Receptor vasoactive agent hypertension review 1118 Receptor vasopressin artery hypertension rat 232 Receptor VIP interaction GTP disulfide bond 851 Rectum sympathomimetic lizard 68
Reductase haloperidol erythrocyte 1468
Reenal nerve brain metab circulation 1130
Respiration organ stimulation anesthetized rat 1097 Respiratory distress syndrome protein blood surfactant 663 Retina nerve calcium channel 506 Review atriopeptin guanylate cyclase cGMP 1124 Review brown adipose thermogenesis 811 Review cocaine addiction 1158

Review cocaine autonomic action 1168 Review cocaine endocrine neurochem action 1177 Review cocaine pharmacokinetics biotransformation 1154 Review diabetes energy balance 382 Review DOCA salt hypertension sympathetic neurotransmission 1140 Review double labeled water biol 1190 Review eicosanoid heart ischemia 912 Review immunopharmacol 537 Review intestine lipid absorption 179 Review intestine lipid absorption 179
Review LHRH ovary 962
Review LHRH ovary 962
Review lipoprotein receptor gene expression steroidogenesis 968
Review lipoxygenase pathway biochem neutrophil 936
Review organophosphorus poisoning HI 6 antidote 1183
Review ovary gonadotropin release hormone inhibitor 954
Review PGF2 luteolysis membrane 957
Review prostacyclin thromboxane bleeding vascular disorder 922
Review smooth muscle relaxation cGMP 251
Review sodium detn tissue NMR 820
Review thermogenesis energetics prepnancy lactation 370 Review thermogenesis energetics pregnancy lactation 370 Review vascular neuroeffector noradrenaline ATP hypertension Review vasoactive agent receptor hypertension 1118 Rimiterol trachea glucocorticoid 1442 RU 486 beta2 adrenoceptor myometrium 1051 Ruminant appetite GABA pentobarbital glutamate 5 RX 77368 cerebral ischemia 1345 Salivary gland stomach EGF PGE2 1512 Salmo intestine muscarinic serotoninergic receptor 477 Salt DOCA hypertension sympathetic neurotransmission review Salt DOCA hypertension sympathetic neurotransmission revie 1140
Salt hypertension central noradrenergic Dahl rat 450
Salt hypertension noradrenergic peripheral Dahl rat 442
Saphenous vein BHT 920 calcium 1086
Sarcolemma P450 ductus arteriosus contraction 1448
Sarcolemma P 450 ductus arteriosus contraction 1448
Sarcolemma P 450 ductus arteriosus contraction 1448
Sarcoplasmic reticulum caffeine calcium release 890
Sarcoplasmic reticulum heart ATPase gramicidin 546
Sarcoplasmic reticulum heart atleum flux 999
Sciatic nerve GABA potassium 1308
Sedation V9M brain 223
Seizure kainate pentylenetetrazole development rat 1357
Seriotonin muscarinic nicotinic facilitation hippocampus 47
Serotonin receptor antagonist dorsal raphe nucleus 98
Serotoninergic opioid analgesia review 975
Serotoninergic receptor intestine trout 477
Sheep ammonia adrenal denervation 1062
Sheep appetite GABA pentobarbital glutamate 5
Sheep normoxia hypoxia pulmonary circulation exercise 202
Shock circulatory hyperbaric oxygen therapy 1033
Sialoadenectomy stomach mucosa EGF PGE2 1512
Sinoaortic denervation sympathetic tone verapamil 428
Sinoatria pade acetulcholine G protein 529 1140 Sinoaortic denervation sympathetic tone verapamil 428 Sinoatrial node acetylcholine G protein 522 Sinus node heart acetylcholine propranolol verapamil 1232 Skin fibroblast potassium channel 1300 Skin fibroblast potassium channel 1300
Skin water transport angiotensin atriopeptin 362
Smooth muscle relaxation cGMP review 251
Smooth muscle relaxation penis nitrovasodilator impotence 78
Smooth muscle vein alpha adrenoceptor 1067
Sodium angiotensin blood pressure cirrhosis 1506
Sodium calcium exchange heart contraction 1525
Sodium calcium exchange heart contraction 1526 Sodium channel airway epithelium cystic fibrosis 1362
Sodium detn tissue NMR review 820
Sodium potassium channel disopyramide heart arrhythmia 710
Sodium transport ileum muscarinic contraction 331
Somatostatin pituitary somatotroph sensitivity diabetes mellitus Somatotroph pituitary diabetes mellitus cAMP phorbol 1321 Somatotroph pituitary hormone sensitivity diabetes mellitus 1315 Sotalol heart arrhythmia tetrodotoxin lidocaine nicorandil 1463 Species heart inotropy DPI 201106 Species TCDD receptor spleen 594
Sphincter canine esophageal stimulus pacemaker activity 1331
Spinal AVP cardiovascular systems 269
Spinal root GABA receptor amphibian 682 Splien Tott GADA receptor ampinion occurs of the Splien TCDD receptor species 594
Starvation noradrenaline metab brown adipose 106
Steroid ovary cAMP hypothalamus norepinephrine 322
Steroidogenesis lipoprotein receptor gene expression review 968
Stimulation elec arrhythmia heart rat 472 Stimulation organ respiration anesthetized rat 1097 Stimulus pacemaker activity canine esophageal sphincter 1331 Stomach emptying neurotensin 1534 Stomach ethanol toxicity mast cell stabilizer 287

Stomach gastrin bombesin 1520
Stomach ion flux circulation misoprostol 353
Stomach mucosa EGF PGE2 sialoadenectomy 1512
Stomach peristalsis mucosa injury indomethacin neomycin 1029
Storage heart transplant gas perfusion 692
Stretch receptor lung histamine 1499
Substance P analog bombesin antagonist gastrin 1520
Substance P nerve pyloric sphincter 1560
Substitute milk feeding newborn protein metab 282
Sulfonylurea diabetes cardiomyopathy calcium 1431
Superfusion bioassay platelet activating factor 72
Superoxide corpus luteum cell membrane enzyme 465
Surfactant protein blood respiratory distress syndrome 663
Sweating core threshold temp 1038
Swine uncoupling protein brown adipose 1480 Stomach gastrin bombesin 1520 Swine uncoupling protein brown adipose 1480 Sympathetic neurotransmission DOCA salt hypertension review 1140 Sympathetic neurotransmission portal hypertension biliary cirrhosis 1369 Sympathetic stimulation heart alpha adrenoceptor 1199 Sympathetic tone verapamil sinoaortic denervation 428 Sympathetic vasoconstriction atriopeptin 1101 Sympathetic vasoconstriction glucagon 1418 Sympathomimetic rectum lizard 68 Synaptic restructure facilitation crayfish neuromuscular junction Tachycardia heart ischemia diltiazem lidocaine 697 TCDD receptor spleen species 594 Temp core threshold sweating 1038 Temp food effect organ tissue piglet 526
Tenia cecum lactate isomer metab 1540
Tetraethylammonium neuromuscular junction transmitter 1045
Tetrodotoxin heart arrhythmia sotalol 1463 Therapy hyperbaric oxygen circulatory shock 1033
Thermogenesis brown adipose review 811
Thermogenesis brown adipose tissue liver rat 376
Thermogenesis brown adipose tissue obesity mouse
Thermogenesis energy balance exercise 402
Thermogenesis energy balance exercise 402 Thermogenesis pregnancy lactation review 370
Thermogenesis regulation energy balance 369
Thermogenesis regulation energy balance 369
Thermogenesis regulation energy balance obesity 394
Thioglucose gold obesity brown adipose tissue 116
THIP spinal root amphibian 682 Thir spinal root ampinion 682
Thoracic aorta human anisotropy age 871
Thoracic aorta human anisotropy age 871
Thromboxane antagonist L 670596 pharmacol 989
Thromboxane platelet activating factor kidney 304
Thromboxane prostacyclin bleeding vascular disorder review 922
Thromboxane receptor heart contraction phosphoinositide 943
Thyroid hormone diabetes heart chronotropism isoproterenol 519
Thyroxine deiodinase brown adipose tissue obesity 116
Tissue atrial reentry conduction inhibition 757
Tissue hrown adipose liver rat thermogenesis 376 Tissue atrial reentry conduction inhibition 151
Tissue brown adipose liver rat thermogenesis 376
Tissue organ temp food effect piglet 526
Tissue sodium detn NMR review 820
Toad sartorius muscle fatigue recovery 1544
Toxin botulin neuromuscular blockade toxicity age 879
Trachea glucocorticoid rimiterol isoproterenol 1442
Trachea lung contraction I. 649923 483 Trachea lung contraction L 649923 483
Trachea relaxation atriopeptin 1213
Translocase mitochondria heart ischemia reperfusion phosphoryla= tion 704 Transmission neuromuscular nicardipine 1493 Transmitter neuromuscular junction aminopyridine tetraethylammo= nium 1045
Transplant heart storage gas perfusion 692
Transport intestine radioprotection enprostil 1351
Transport ion muscarinic ileum contraction 331 Transport water skin angiotensin atriopeptin 362 TRH analog brain ischemia 1345 Tribute Peter Dresel 691 Tribute Peter Dresel 691
Trout intestine muscarinic serotoninergic receptor 477
Tryptophan hypertension decrease 656
Uncoupling protein mRNA brown adipose newborn 54
Uncoupling protein swine brown adipose 1480
Urea cycle benzoate glycine conjugation hyperammonemia 1426
Urea newborn protein metab 624
Urine acidification distal nephron corticosteroid 607
Urine calcium adenosine antagonism methylxanthine 1278
Uroporphyrinogen decarboxylase hepatocyte chlorobiphenyl phenoharbital 246 Uterus beta2 adrenoceptor pregnancy progesterone 1051
Uterus norepinephrine adrenoceptor 1586
U46619 atrium contraction phosphoinositide 943
Vagus nerve vasopressin atriopeptin release 344
Vagus nerve ventricle fibrillation catecholamine halothane 801 Valproate kidney cortical tubule metab 88

- Vascular contraction factor hypertension blood plasma 1272 Vascular disorder prostacyclin thromboxane review 922
- Vascular neuroeffector noradrenaline ATP hypertension review
- 1146 Vasculature coronary gradient propranolol phentolamine atropine
- 140 Vasculature norepinephrine adrenoceptor 1586
- Vasoactive agent receptor hypertension review 1118
 Vasoconstriction alpha adrenoceptor heart failure 110
 Vasoconstriction sympathetic atriopeptin 1101
 Vasoconstriction sympathetic glucagon 1418

- Vasoconstrictor peptide calcium channel 1252 Vasoconstrictor peptide calcium channel 1252 Vasodilation isoidide dinitrate enantioselective biotransformation

- 1403
 Vasodilator org nitrate metab 1381
 Vasodressin epinephrine lung fluid fetus 491
 Vasopressin intrathecal cardiovascular system 269
 Vasopressin plasma receptor baro 1386
 Vasopressin receptor artery hypertension rat 232
 Vasopressin receptor vascular hypertension review 1118
 Vasopressin release blood vol 344
 Vasorelaxant cGMP review 251
 Vein alpha adrenocentor smooth muscle 1067

- Vein alpha adrenoceptor smooth muscle 1067
 Vein alpha adrenoceptor intracellular calcium 1086
 Vein occlusion prorenin produ activation 59
 Vein pulmonary glyceryl trinitrate metab erythrocyte 417
 Vein relaxation atriopeptin monkey 326
 Ventillation rhythmogenesis paraoxon anticholinesterase anesthesia 162
- Ventricle fibrillation catecholamine halothane 801
- Ventricle heart adenosine 294
- Ventricle feath additional 294
 Ventricle rabbit action potential mechanism change 780
 Ventricular myocyte property rat guinea pig 740
 Verapamil heart sinus node 1232
 Verapamil sympathetic tone sinoaortic denervation 428
 VIP nerve pyloric sphincter 1560

- VIP nerve pyloric sphincter 1560
 VIP receptor interaction GTP disulfide bond 851
 Visual cortex neurotransmission catecholamine 615
 V9M brain sedation 223
 V9M memory 228
 Water detn intake review 1190
 Water transport skin angiotensin atriopeptin 362
 Work cycle freguency rat diaphragm muscle 1294
 Xenopus embryo muscle calcium current 1259
 Yersinia enterocolitica enteritis intestinal motility rabbit 553

